

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049230.D
 Acq On : 17 Jun 2022 01:31
 Operator : SY/MD
 Sample : N3320-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:36:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

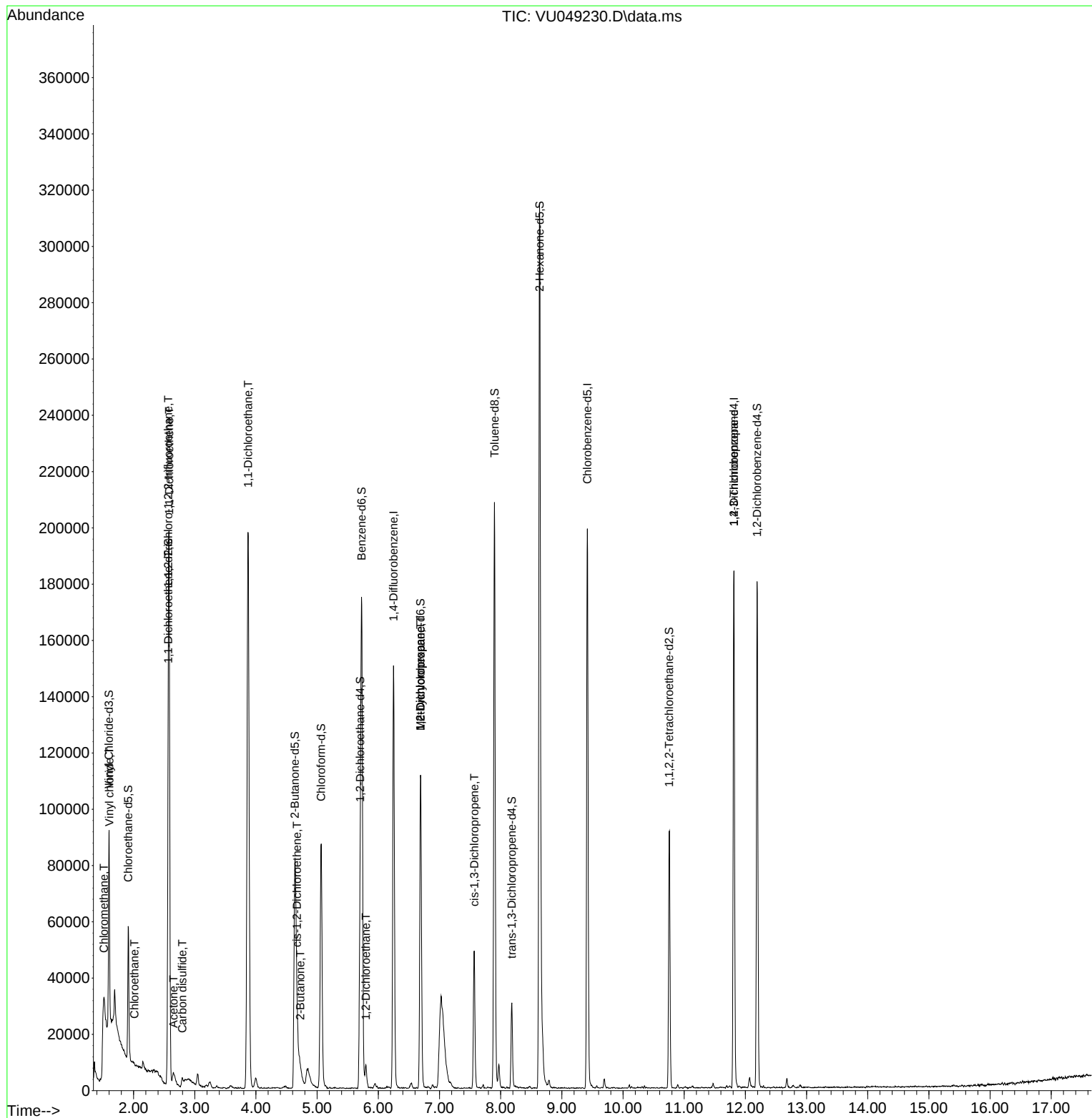
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	118431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	107150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39694	3.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.912	69	31987	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.565	65	16598	3.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.636	46	162822	58.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.860%
24) Chloroform-d	5.063	84	78107	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.703	65	45885	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.729	84	155652	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	54910	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.899	98	134476	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.182	79	17111	3.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.636	63	110460	56.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	45753	5.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	45438	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2271	0.205	ug/L #	81
5) Vinyl chloride	1.604	62	9109	0.915	ug/L #	1
8) Chloroethane	2.012	64	494	0.086	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	461	0.067	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	49420	7.421	ug/L	85
13) Acetone	2.652	43	10421	7.620	ug/L	88
14) Carbon disulfide	2.797	76	3061	0.139	ug/L	95
19) 1,1-Dichloroethane	3.871	63	232793	16.002	ug/L	97
21) 2-Butanone	4.726	43	8386	3.216	ug/L	76
22) cis-1,2-Dichloroethene	4.671	96	1077	0.131	ug/L	83
27) 1,2-Dichloroethane	5.797	62	5986	0.622	ug/L	99
35) Methylcyclohexane	6.690	83	11689	0.855	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5853	0.668	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1407	0.106	ug/L	88
61) 1,2,3-Trichloropropane	11.812	75	6338	1.184	ug/L #	67

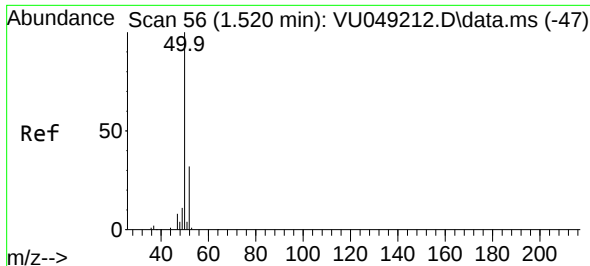
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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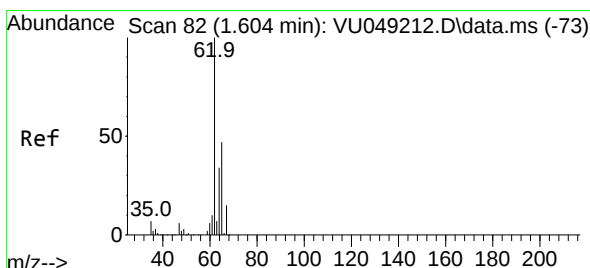
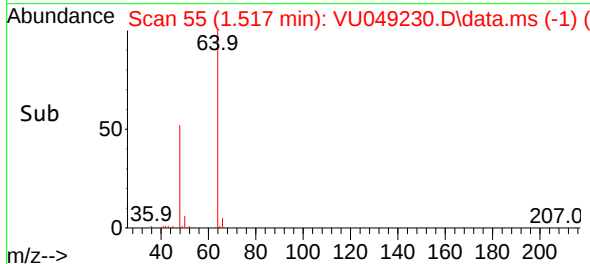
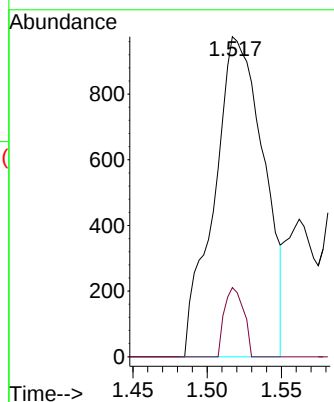
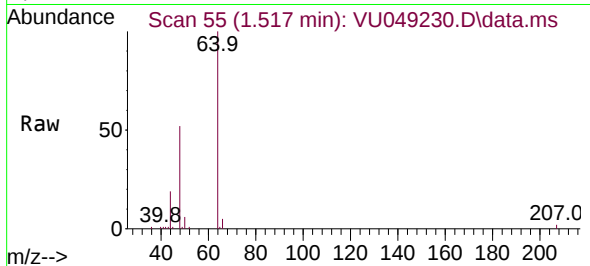




#3
Chloromethane
Concen: 0.205 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

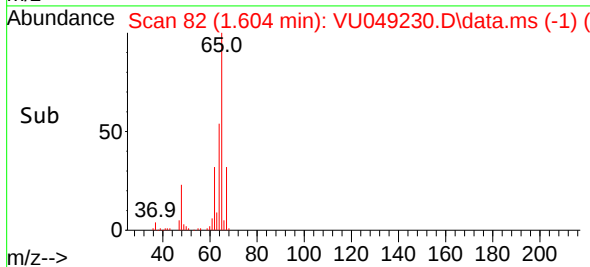
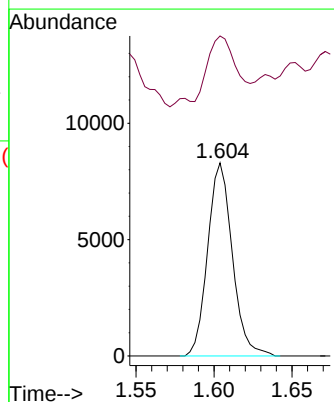
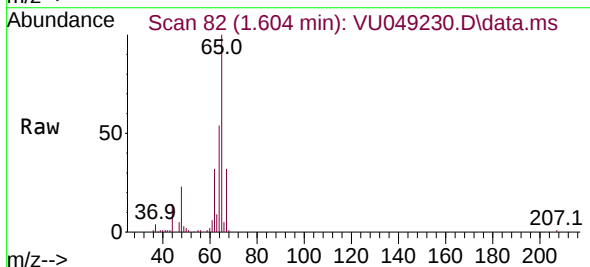
Instrument :
MSVOA_U
ClientSampleId :

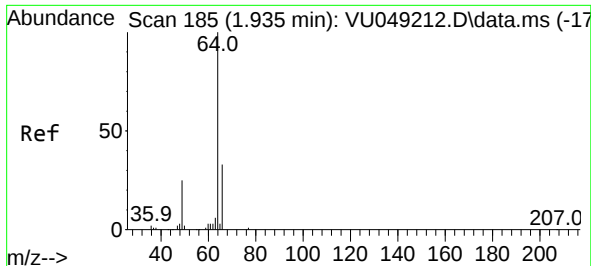
Tgt Ion: 50 Resp: 2271
Ion Ratio Lower Upper
50 100
52 21.6 22.7 42.1#



#5
Vinyl chloride
Concen: 0.915 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

Tgt Ion: 62 Resp: 9109
Ion Ratio Lower Upper
62 100
64 165.8 22.8 42.4#

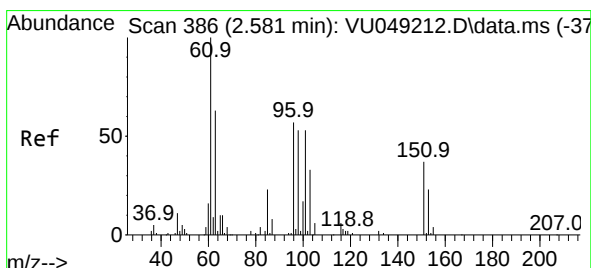
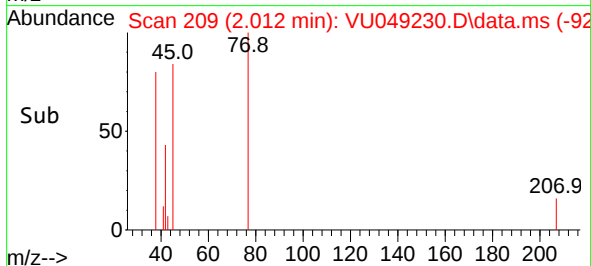
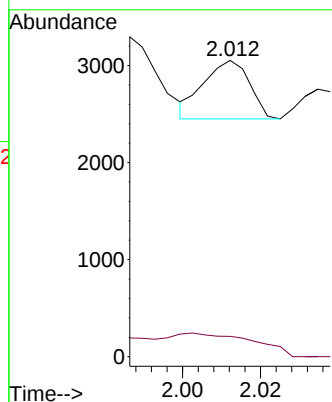
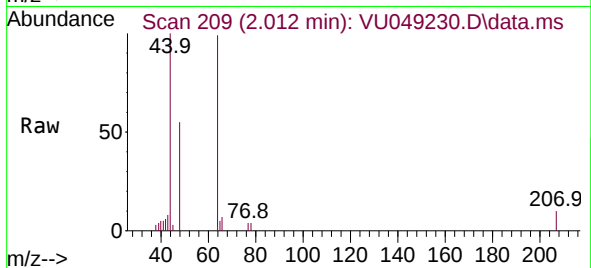




#8
Chloroethane
Concen: 0.086 ug/L
RT: 2.012 min Scan# 20
Delta R.T. 0.077 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

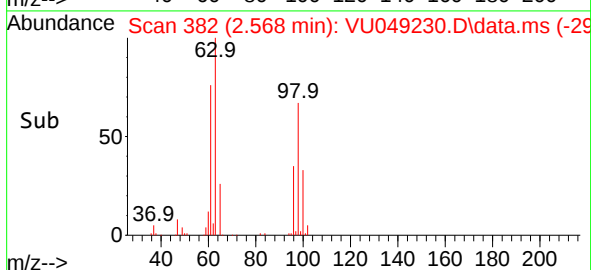
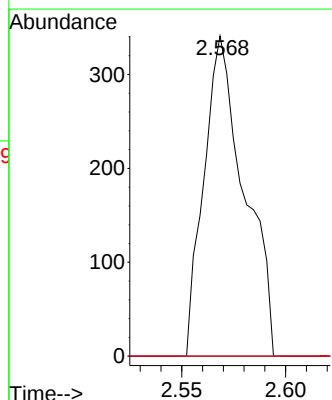
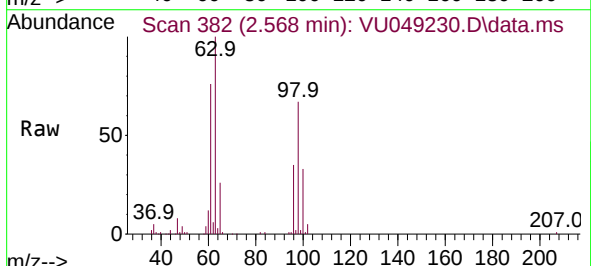
Instrument :
MSVOA_U
ClientSampleId :

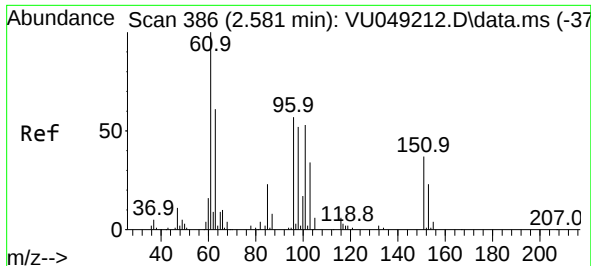
Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 6.8 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

Tgt Ion: 101 Resp: 461
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

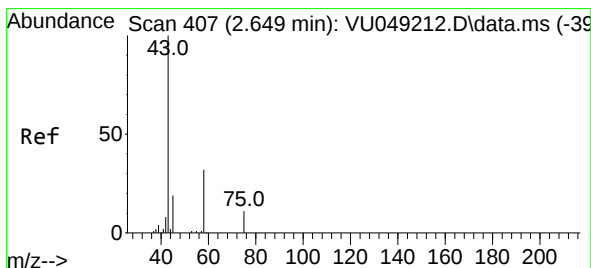
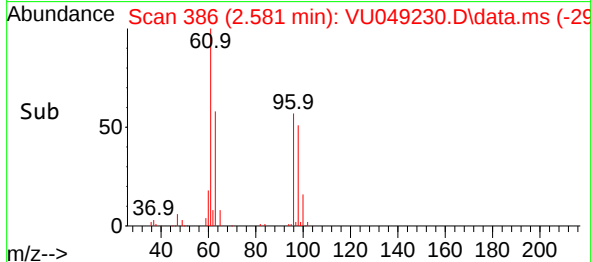
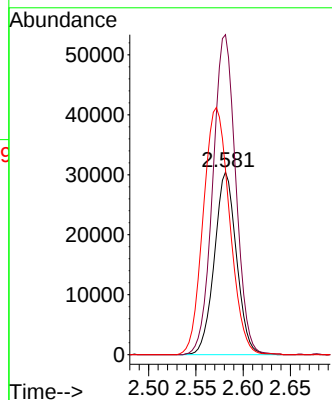
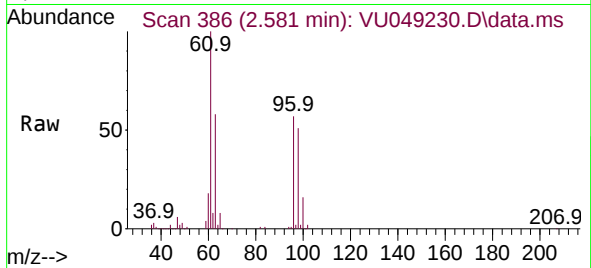




#12
1,1-Dichloroethene
Concen: 7.421 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

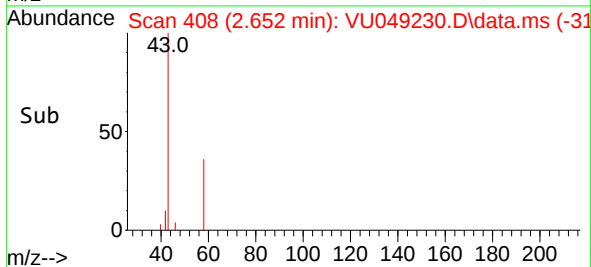
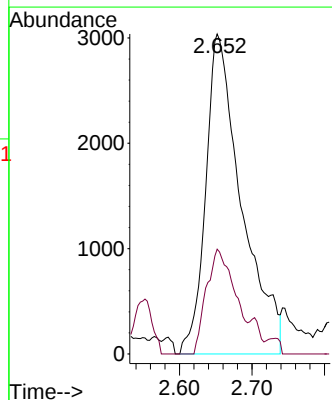
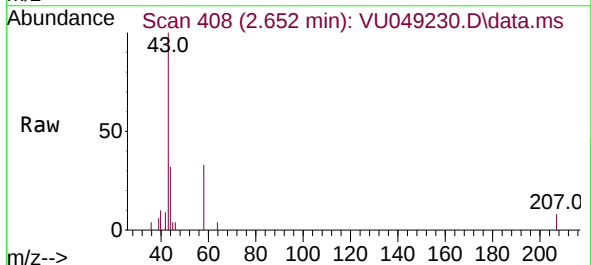
Instrument :
MSVOA_U
ClientSampleId :

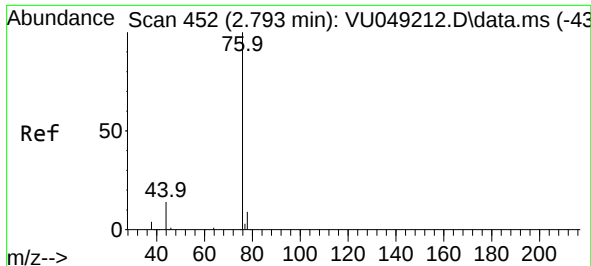
Tgt Ion: 96 Resp: 49420
Ion Ratio Lower Upper
96 100
61 175.2 127.2 236.2
63 101.4 94.7 175.9



#13
Acetone
Concen: 7.620 ug/L
RT: 2.652 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

Tgt Ion: 43 Resp: 10421
Ion Ratio Lower Upper
43 100
58 26.0 0.0 65.8

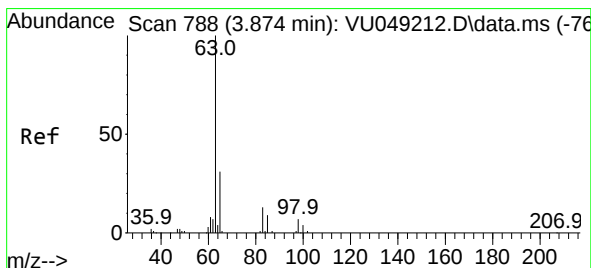
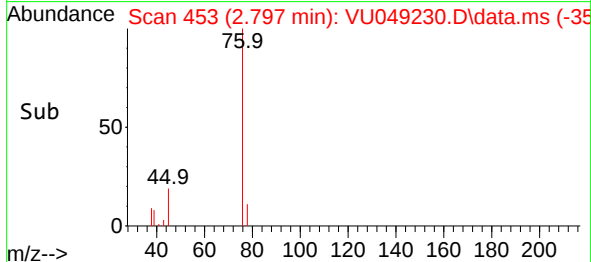
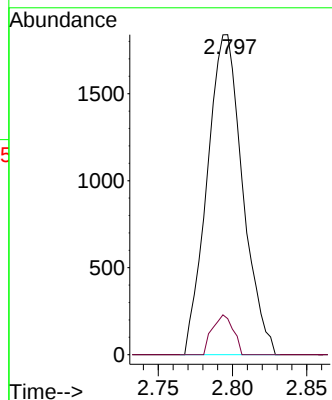
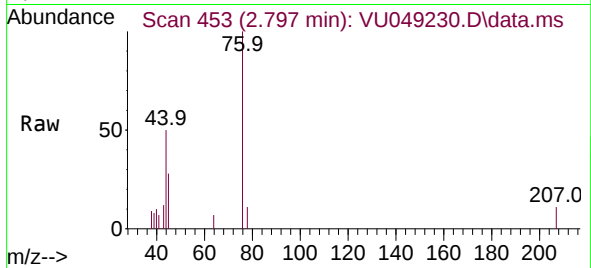




#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.797 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

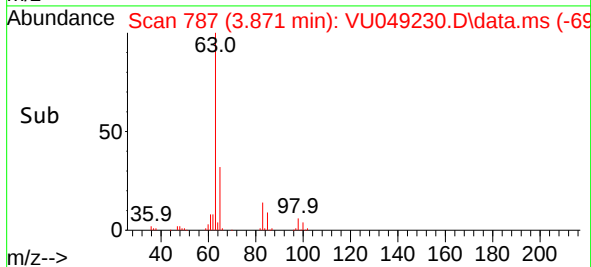
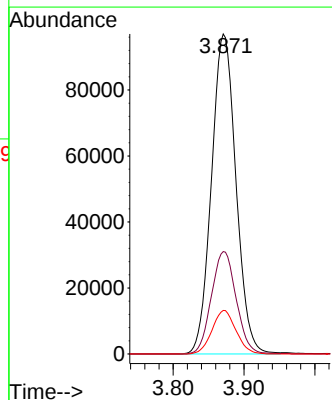
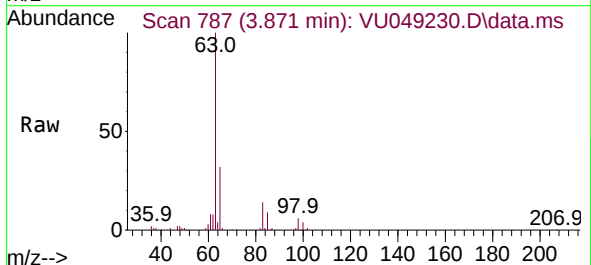
Instrument :
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ClientSampleId :

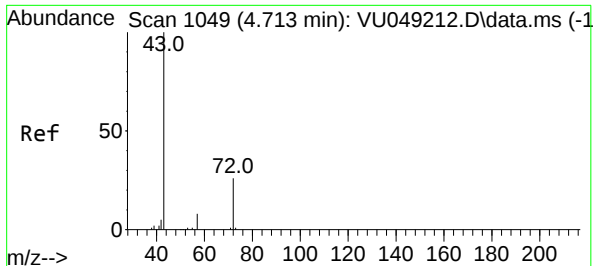
Tgt Ion: 76 Resp: 3061
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3



#19
1,1-Dichloroethane
Concen: 16.002 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

Tgt Ion: 63 Resp: 232793
Ion Ratio Lower Upper
63 100
65 32.0 24.0 44.6
83 13.6 9.1 16.9





#21

2-Butanone

Concen: 3.216 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.013 min

Lab File: VU049230.D

Acq: 17 Jun 2022 01:31

Instrument :

MSVOA_U

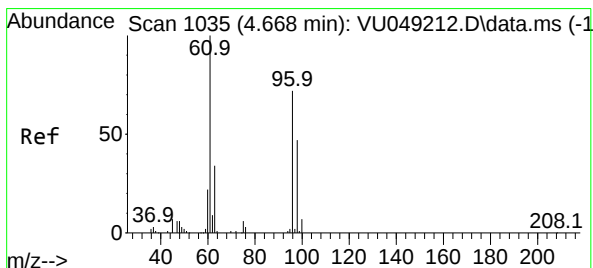
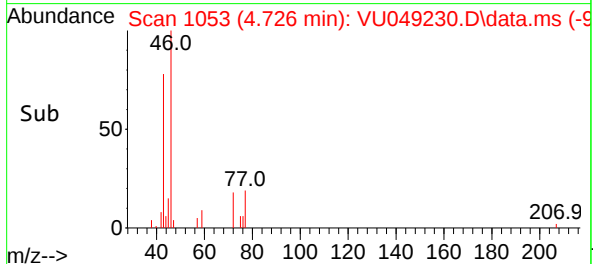
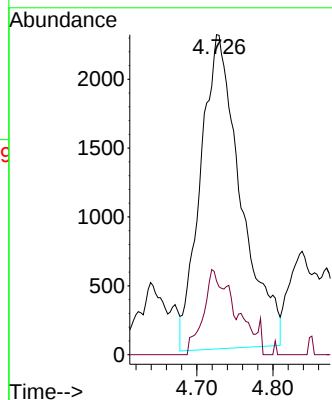
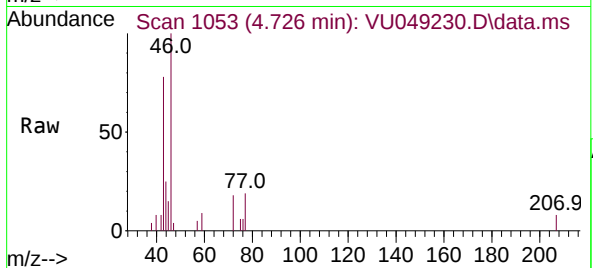
ClientSampleId :

Tgt Ion: 43 Resp: 8386

Ion Ratio Lower Upper

43 100

72 12.5 12.2 36.6



#22

cis-1,2-Dichloroethene

Concen: 0.131 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049230.D

Acq: 17 Jun 2022 01:31

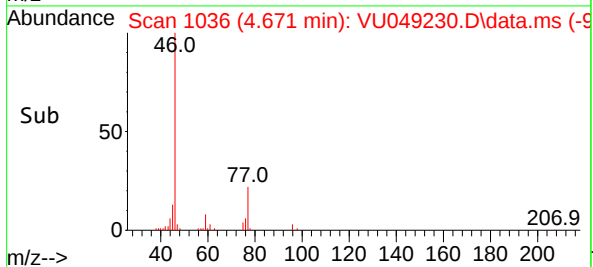
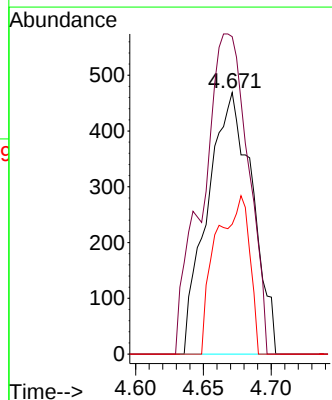
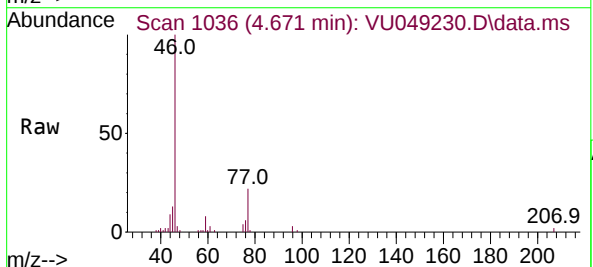
Tgt Ion: 96 Resp: 1077

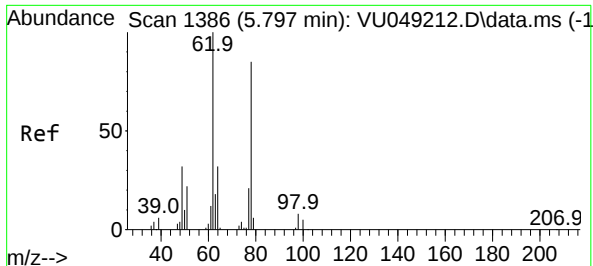
Ion Ratio Lower Upper

96 100

61 121.3 99.5 184.9

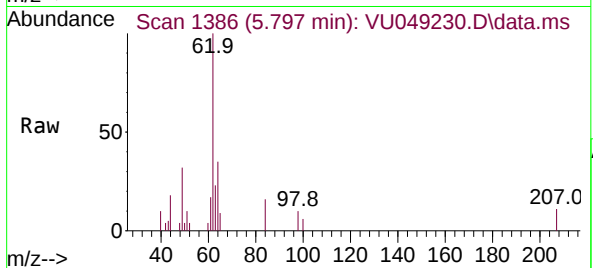
98 49.7 44.8 83.2



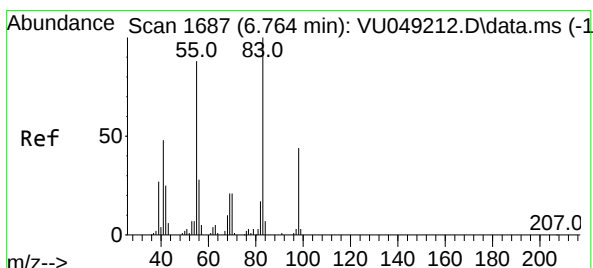
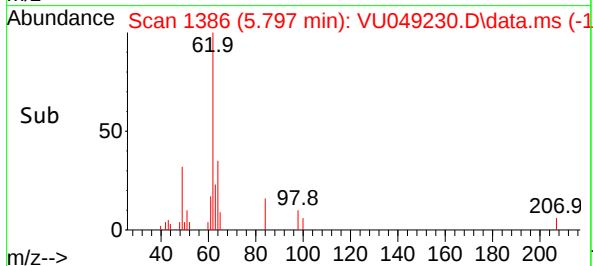
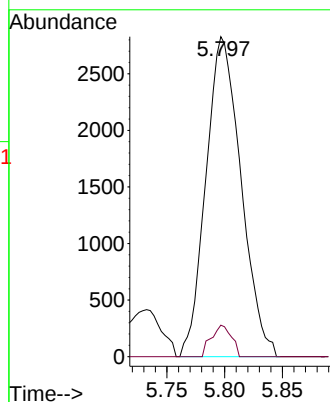


#27
1,2-Dichloroethane
Concen: 0.622 ug/L
RT: 5.797 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

Instrument :
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ClientSampleId :

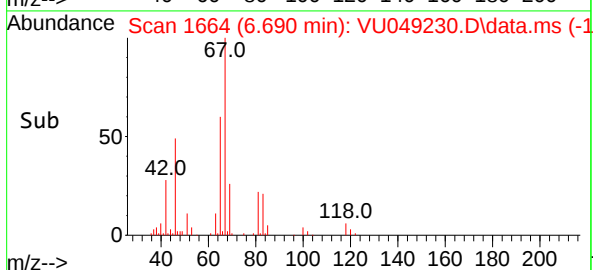
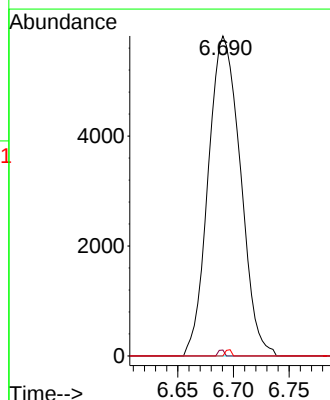
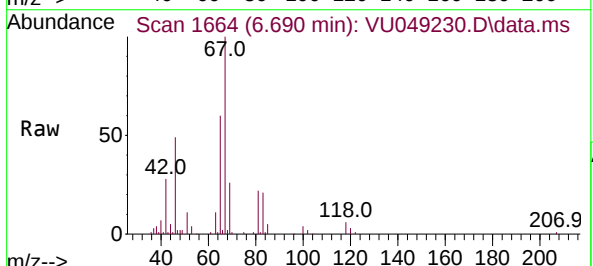


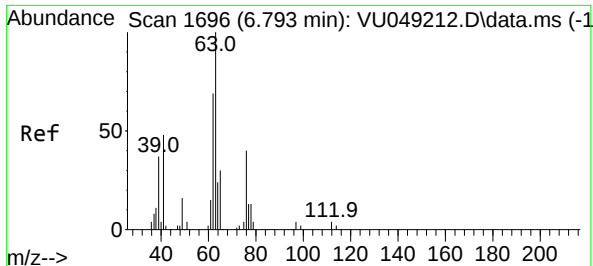
Tgt Ion: 62 Resp: 5986
Ion Ratio Lower Upper
62 100
98 9.8 7.6 11.4



#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049230.D
Acq: 17 Jun 2022 01:31

Tgt Ion: 83 Resp: 11689
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 0.4 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.668 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049230.D

Acq: 17 Jun 2022 01:31

Instrument :

MSVOA_U

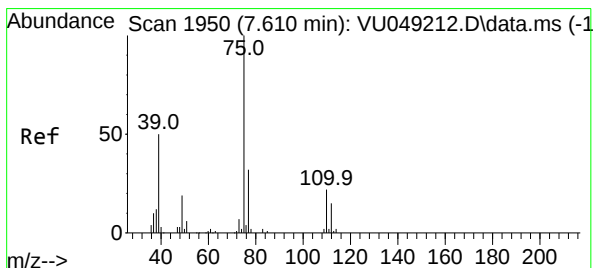
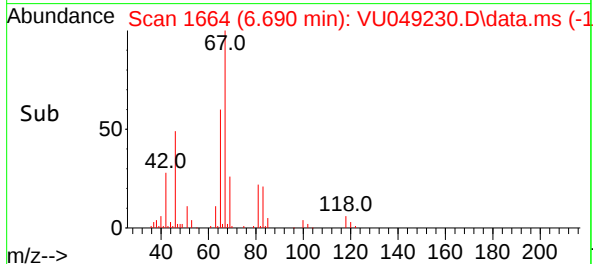
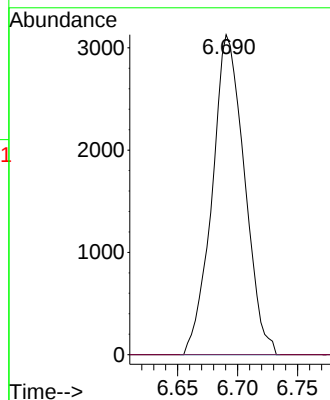
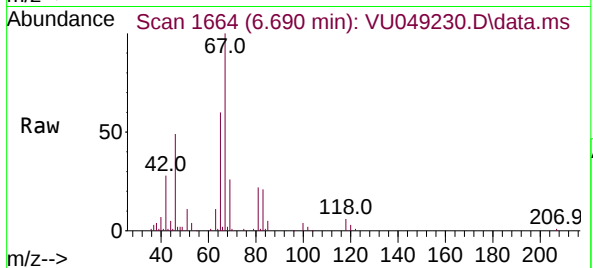
ClientSampleId :

Tgt Ion: 63 Resp: 5853

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049230.D

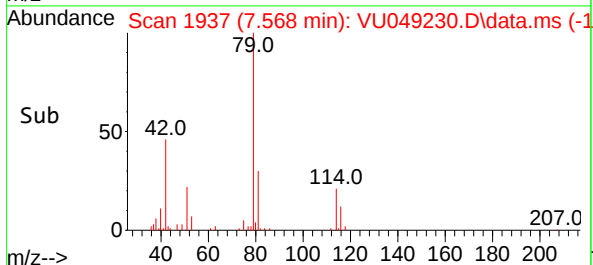
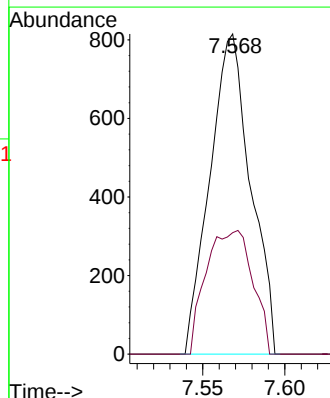
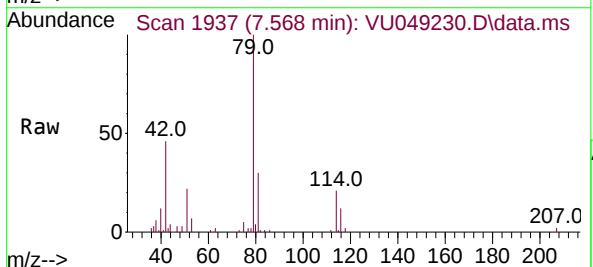
Acq: 17 Jun 2022 01:31

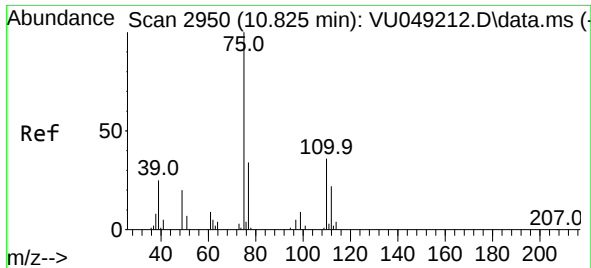
Tgt Ion: 75 Resp: 1407

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.4





#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

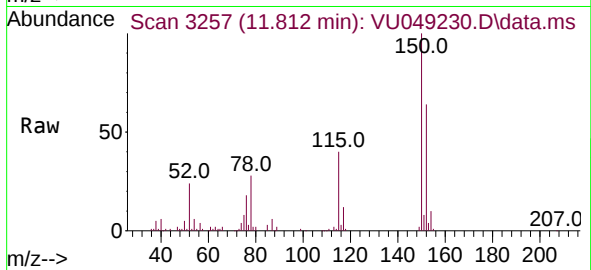
Lab File: VU049230.D

Acq: 17 Jun 2022 01:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 6338

Ion Ratio Lower Upper

75 100

110 1.0 29.0 43.4#

77 31.3 26.2 39.2

