

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049242.D
 Acq On : 17 Jun 2022 13:30
 Operator : SY/MD
 Sample : N3288-13 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

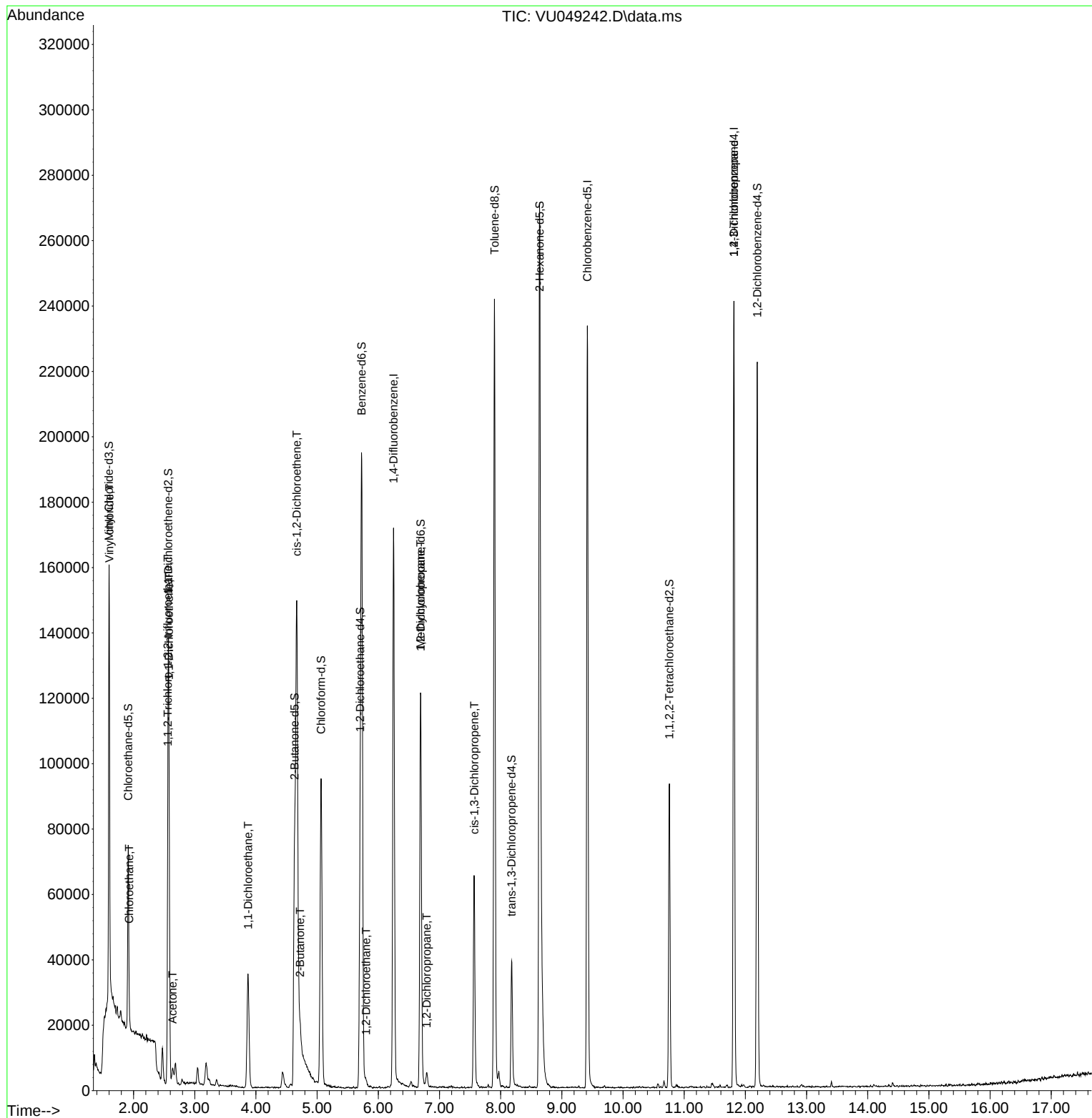
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53684	4.567	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.913	69	38818	4.878	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.568	65	21770	4.605	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	4.633	46	119153	37.967	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.940%	
24) Chloroform-d	5.064	84	86595	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.703	65	48768	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.729	84	175417	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.694	67	60032	4.676	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.899	98	154537	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.179	79	22267	3.904	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.636	63	109777	47.711	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48099	4.679	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	56744	4.768	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	46231	4.088	ug/L #	45
8) Chloroethane	1.925	64	1534	0.234	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	537	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	16289	2.154	ug/L #	46
13) Acetone	2.639	43	7300	4.700	ug/L	98
19) 1,1-Dichloroethane	3.871	63	40875	2.474	ug/L	97
21) 2-Butanone	4.723	43	16331	5.514	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	65302	6.967	ug/L	97
27) 1,2-Dichloroethane	5.800	62	1016	0.093	ug/L #	74
35) Methylcyclohexane	6.690	83	12887	0.805	ug/L #	16
37) 1,2-Dichloropropane	6.793	63	1729	0.168	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1611	0.103	ug/L #	69
61) 1,2,3-Trichloropropane	11.812	75	8586	1.234	ug/L #	68

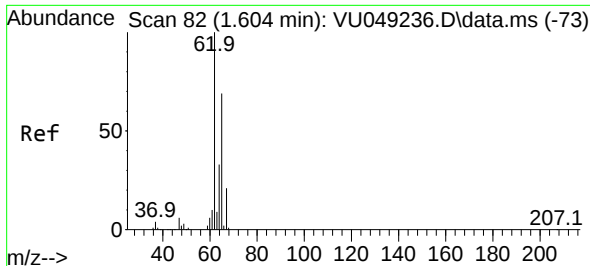
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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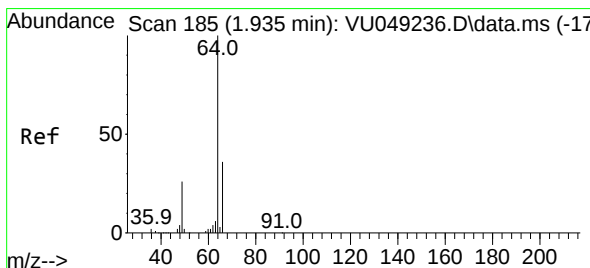
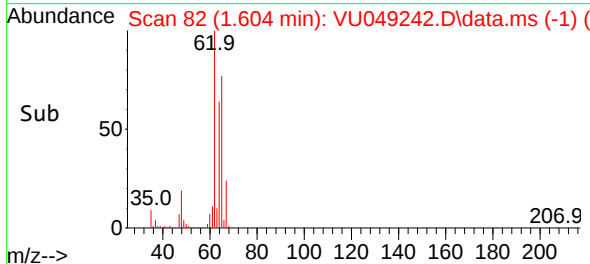
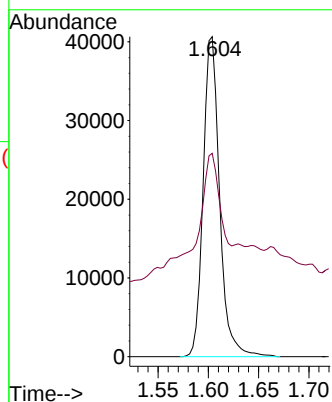
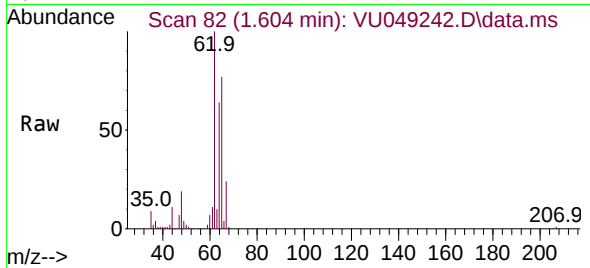




#5
 Vinyl chloride
 Concen: 4.088 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049242.D
 Acq: 17 Jun 2022 13:30

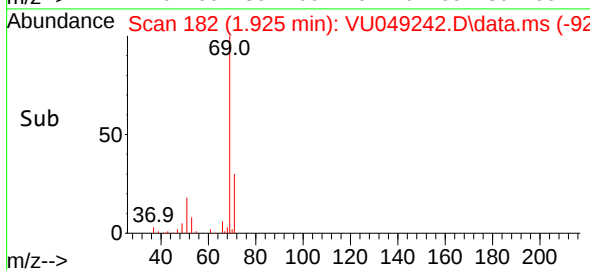
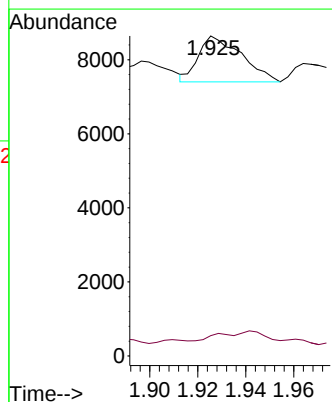
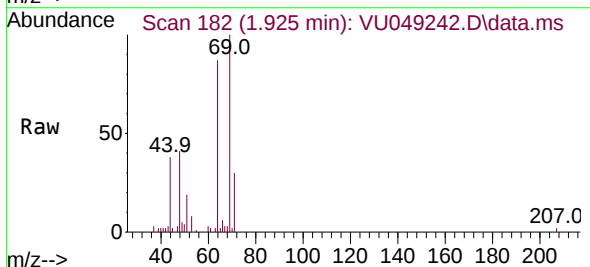
Instrument :
 MSVOA_U
 ClientSampleId :

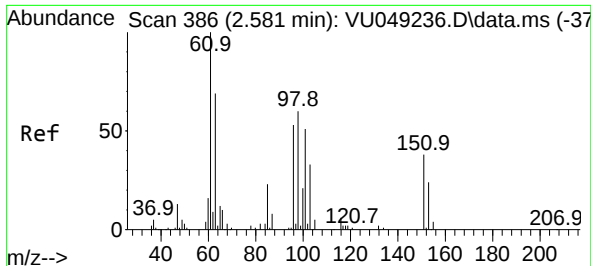
Tgt Ion: 62 Resp: 46231
 Ion Ratio Lower Upper
 62 100
 64 63.5 22.8 42.4#



#8
 Chloroethane
 Concen: 0.234 ug/L
 RT: 1.925 min Scan# 182
 Delta R.T. -0.010 min
 Lab File: VU049242.D
 Acq: 17 Jun 2022 13:30

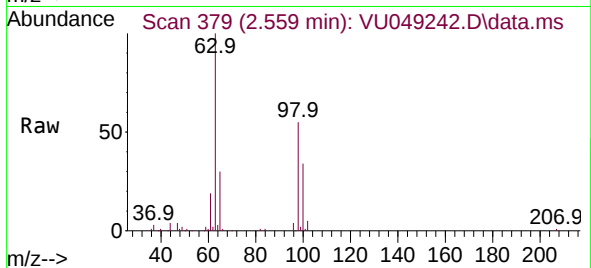
Tgt Ion: 64 Resp: 1534
 Ion Ratio Lower Upper
 64 100
 66 6.4 20.9 38.9#



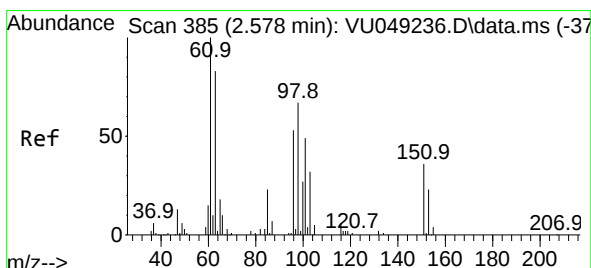
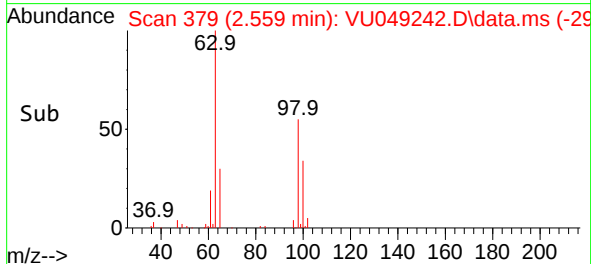
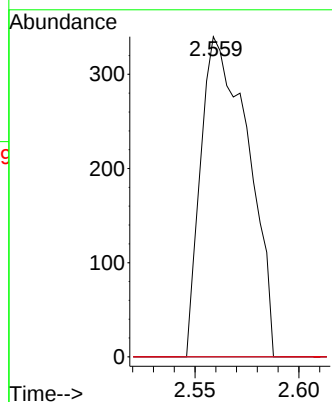


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: VU049242.D
 Acq: 17 Jun 2022 13:30

Instrument :
 MSVOA_U
 ClientSampleId :

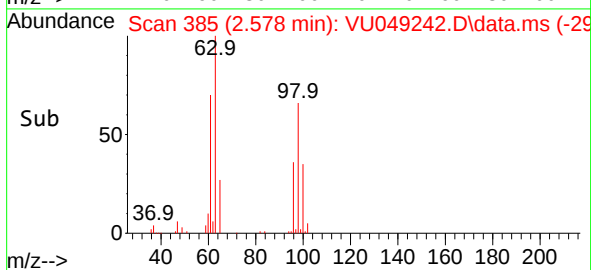
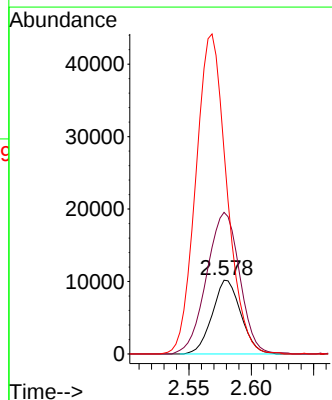
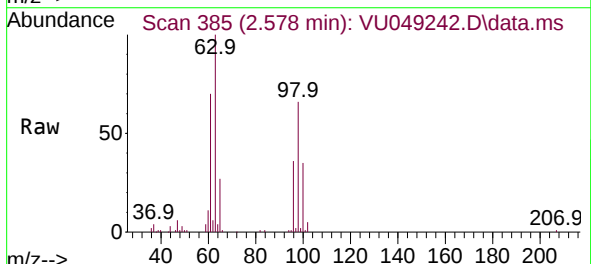


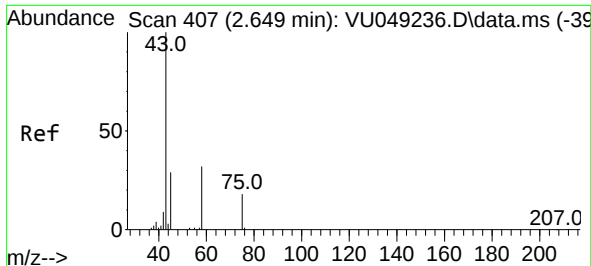
Tgt Ion:101 Resp: 537
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 2.154 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049242.D
 Acq: 17 Jun 2022 13:30

Tgt Ion: 96 Resp: 16289
 Ion Ratio Lower Upper
 96 100
 61 191.8 127.2 236.2
 63 275.1 94.7 175.9#





#13

Acetone

Concen: 4.700 ug/L

RT: 2.639 min Scan# 407

Delta R.T. -0.010 min

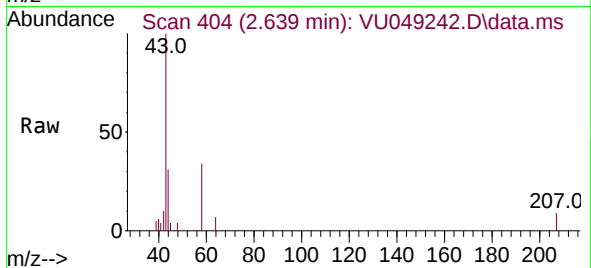
Lab File: VU049242.D

Acq: 17 Jun 2022 13:30

Instrument :

MSVOA_U

ClientSampleId :

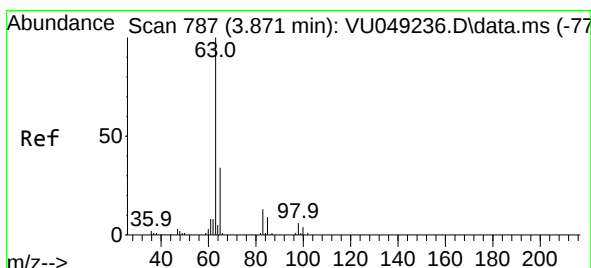
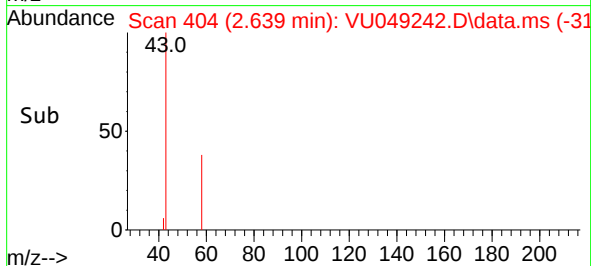
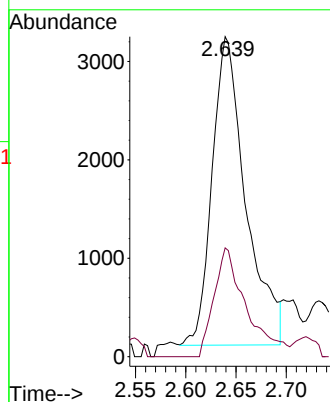


Tgt Ion: 43 Resp: 7300

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.8



#19

1,1-Dichloroethane

Concen: 2.474 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU049242.D

Acq: 17 Jun 2022 13:30

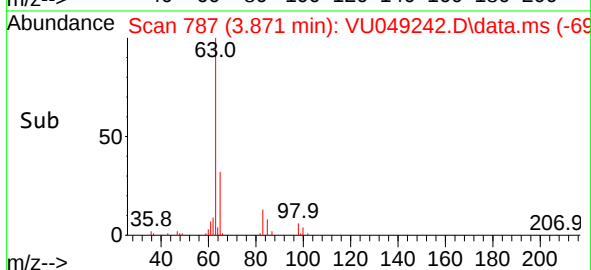
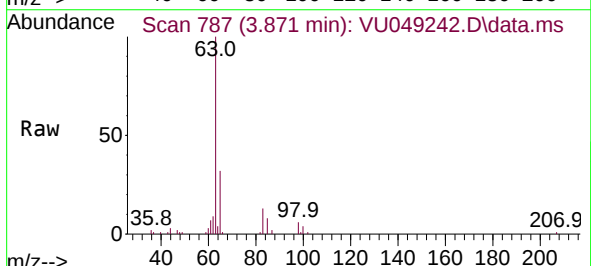
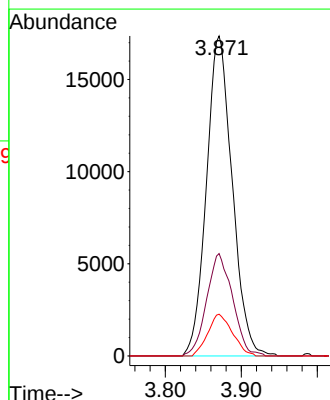
Tgt Ion: 63 Resp: 40875

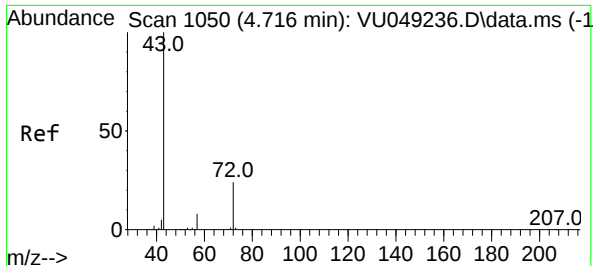
Ion Ratio Lower Upper

63 100

65 32.0 24.0 44.6

83 13.0 9.1 16.9





#21

2-Butanone

Concen: 5.514 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.007 min

Lab File: VU049242.D

Acq: 17 Jun 2022 13:30

Instrument :

MSVOA_U

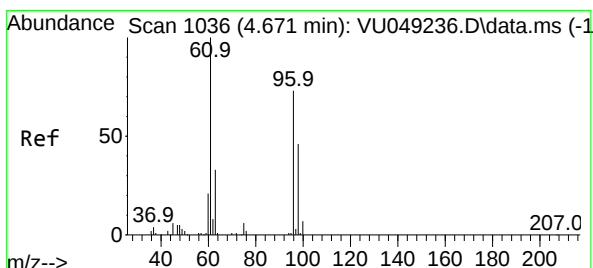
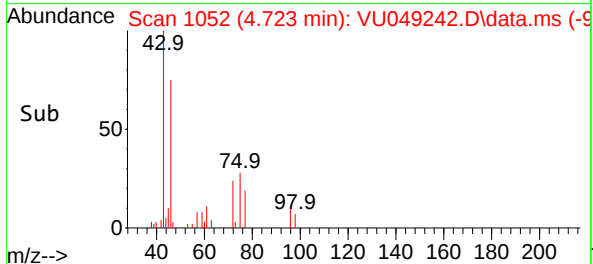
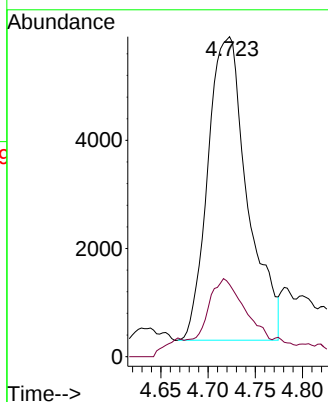
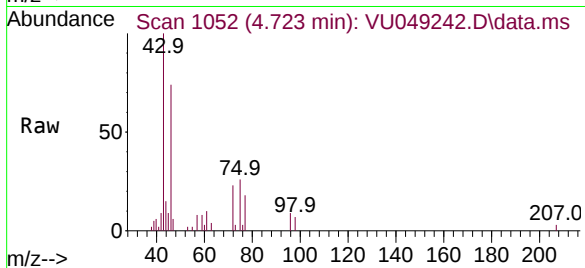
ClientSampleId :

Tgt Ion: 43 Resp: 16331

Ion Ratio Lower Upper

43 100

72 20.2 12.2 36.6



#22

cis-1,2-Dichloroethene

Concen: 6.967 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU049242.D

Acq: 17 Jun 2022 13:30

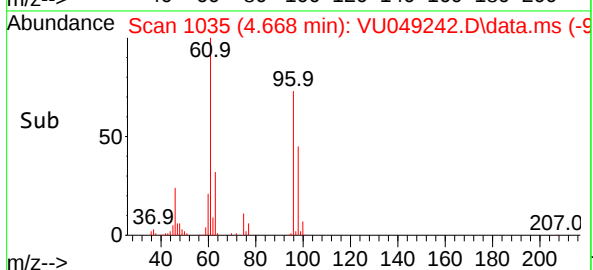
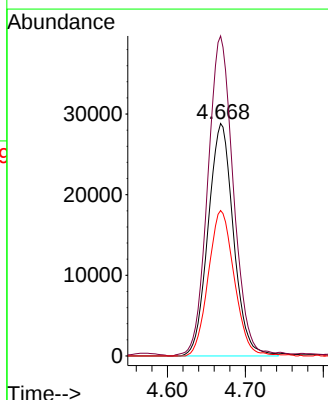
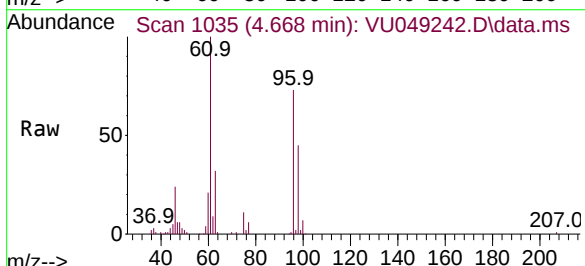
Tgt Ion: 96 Resp: 65302

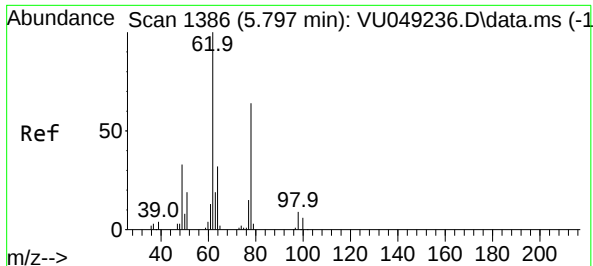
Ion Ratio Lower Upper

96 100

61 137.7 99.5 184.9

98 62.6 44.8 83.2

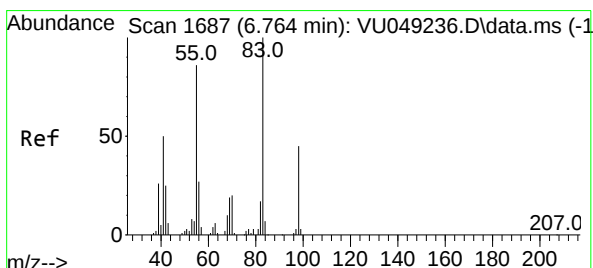
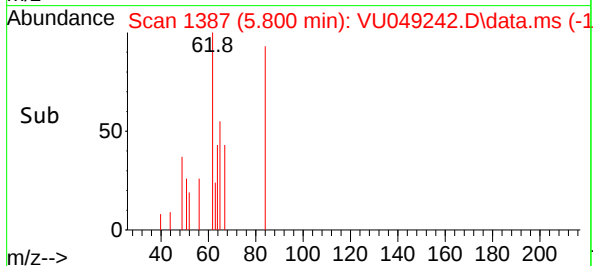
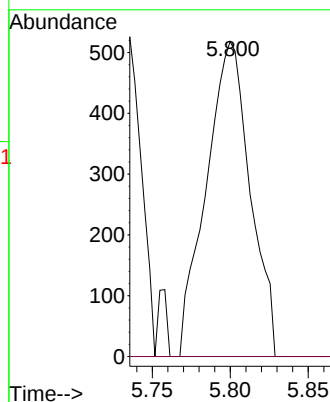
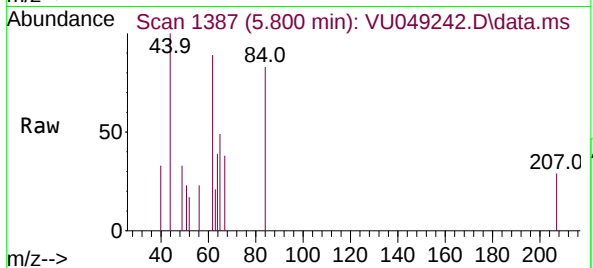




#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049242.D
Acq: 17 Jun 2022 13:30

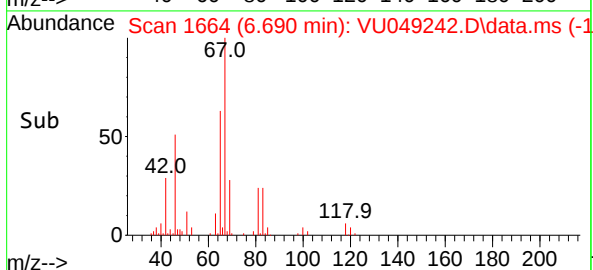
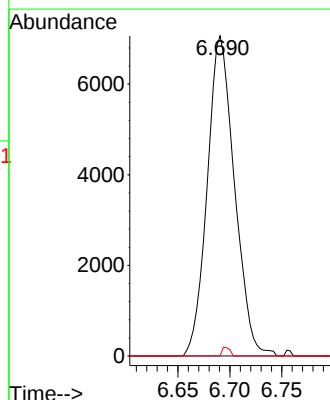
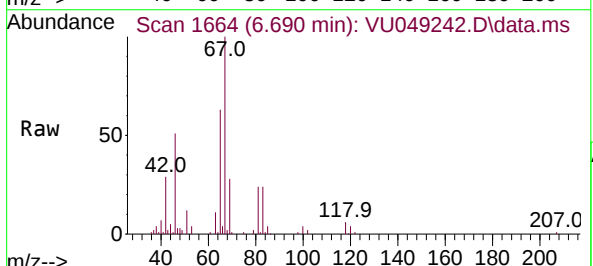
Instrument :
MSVOA_U
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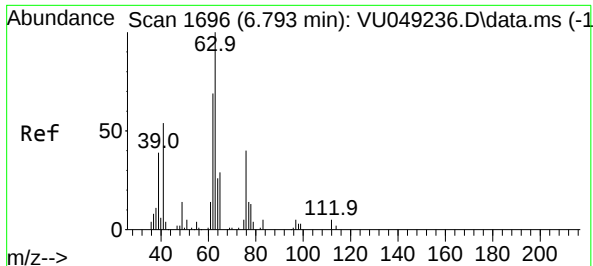
Tgt Ion: 62 Resp: 1016
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049242.D
Acq: 17 Jun 2022 13:30

Tgt Ion: 83 Resp: 12887
Ion Ratio Lower Upper
83 100
55 0.0 66.9 100.3#
98 0.8 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.168 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049242.D

Acq: 17 Jun 2022 13:30

Instrument :

MSVOA_U

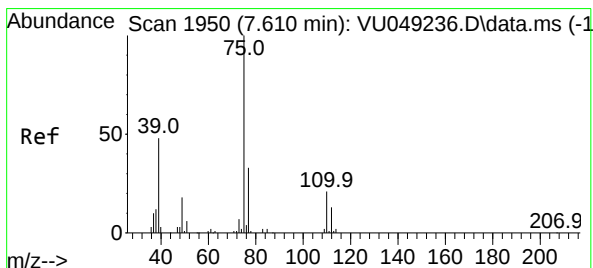
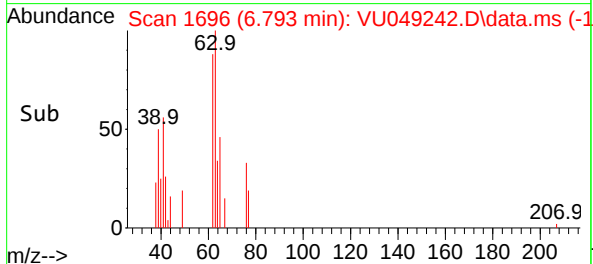
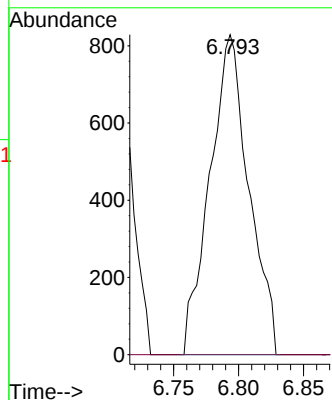
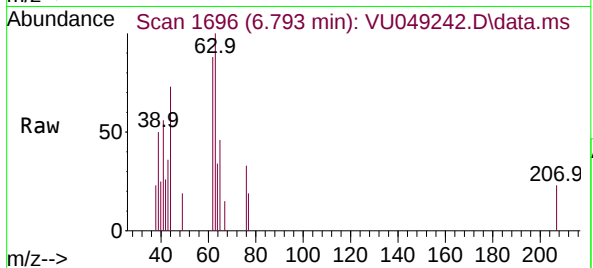
ClientSampleId :

Tgt Ion: 63 Resp: 1729

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049242.D

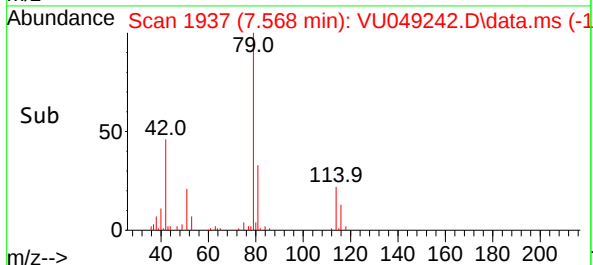
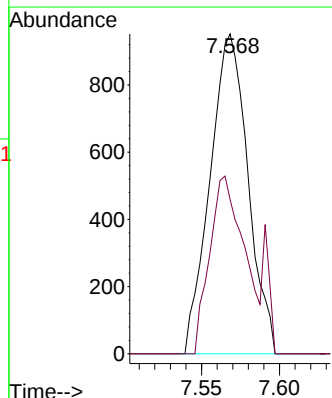
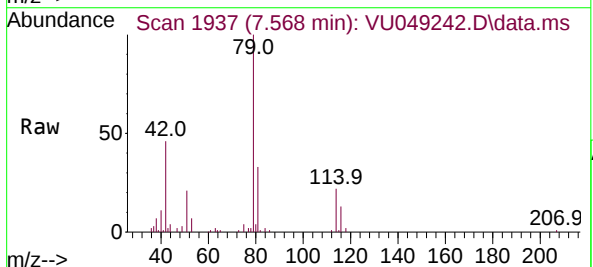
Acq: 17 Jun 2022 13:30

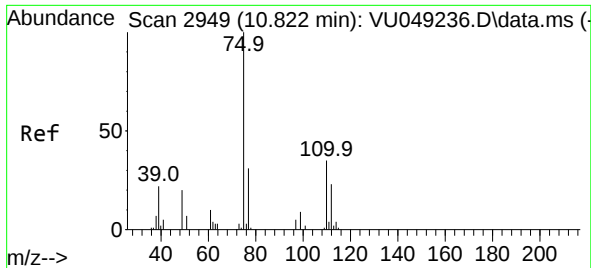
Tgt Ion: 75 Resp: 1611

Ion Ratio Lower Upper

75 100

77 48.2 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 1.234 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

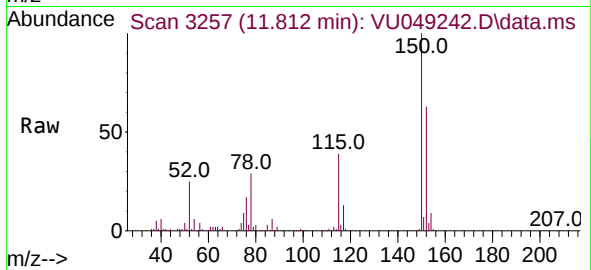
Lab File: VU049242.D

Acq: 17 Jun 2022 13:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 8586

Ion Ratio Lower Upper

75 100

110 2.0 29.0 43.4#

77 30.6 26.2 39.2

