

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049251.D
 Acq On : 17 Jun 2022 17:04
 Operator : SY/MD
 Sample : N3320-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:15:00 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)

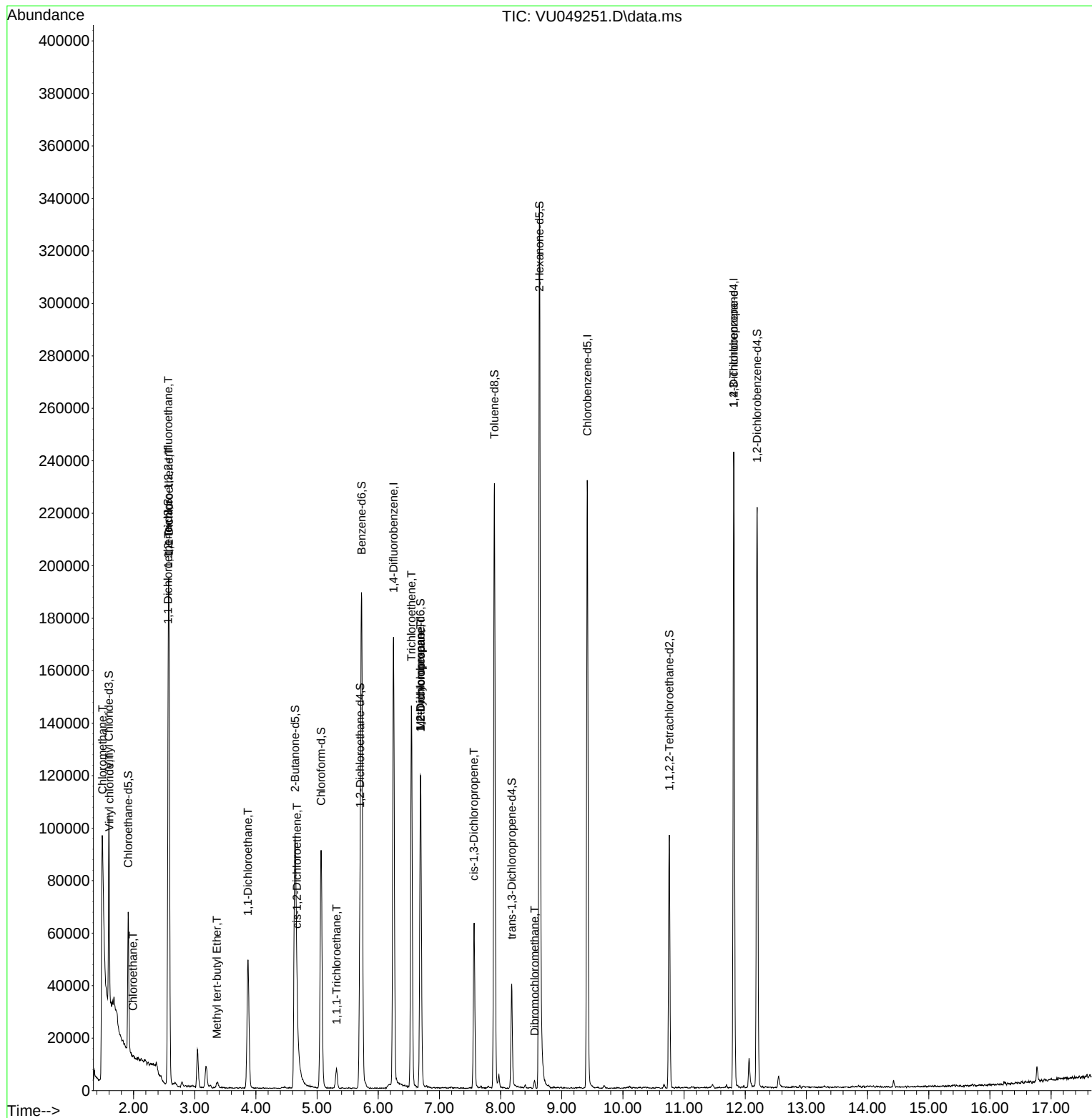
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50877	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.912	69	36114	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.565	65	19538	4.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.639	46	164546	52.641	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.280%
24) Chloroform-d	5.067	84	83500	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.703	65	47349	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.729	84	169095	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.690	67	57608	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.899	98	147929	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.182	79	21270	3.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.636	63	122263	53.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48003	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	54398	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.491	50	3065	0.244	ug/L #	42
5) Vinyl chloride	1.604	62	1966	0.175	ug/L #	1
8) Chloroethane	1.990	64	747	0.115	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	544	0.070	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	44283	5.878	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	2381	0.104	ug/L #	85
19) 1,1-Dichloroethane	3.871	63	56602	3.439	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	1302	0.139	ug/L	91
29) 1,1,1-Trichloroethane	5.317	97	5321	0.357	ug/L	95
34) Trichloroethene	6.542	95	49202	5.190	ug/L	98
35) Methylcyclohexane	6.690	83	12809	0.806	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	6035	0.592	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1526	0.099	ug/L #	68
49) Dibromochloromethane	8.555	129	609	0.075	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8731	1.264	ug/L #	68

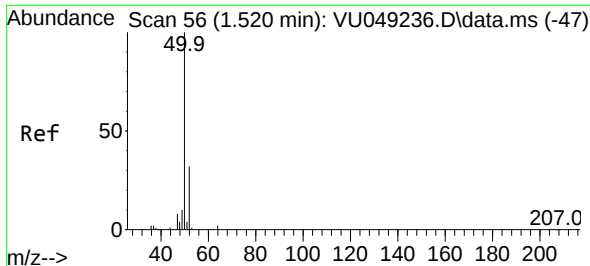
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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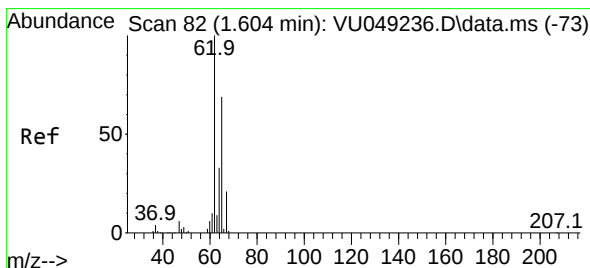
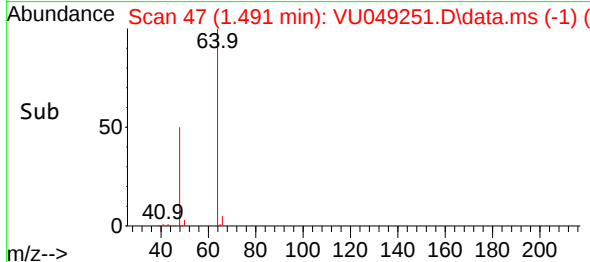
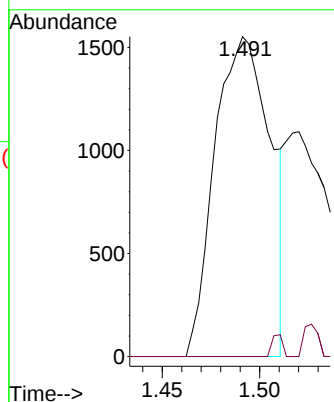
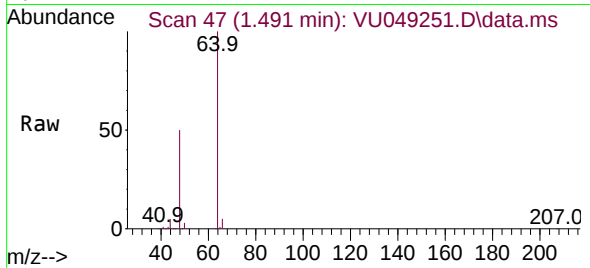




#3
Chloromethane
Concen: 0.244 ug/L
RT: 1.491 min Scan# 41
Delta R.T. -0.029 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

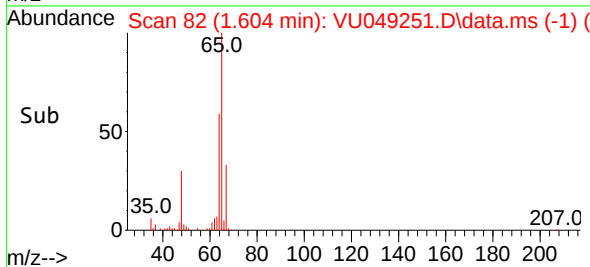
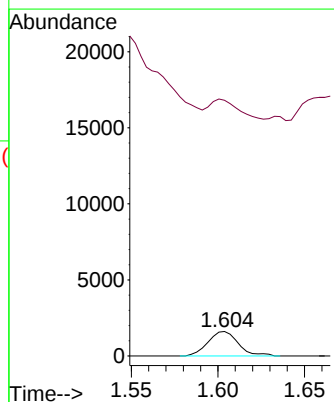
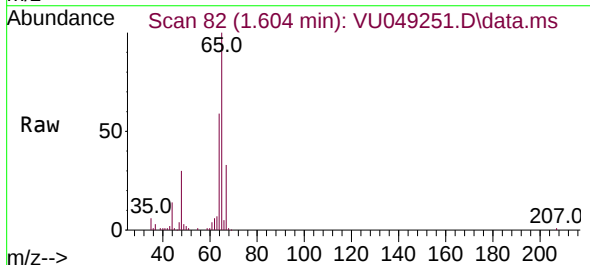
Instrument :
MSVOA_U
ClientSampleId :

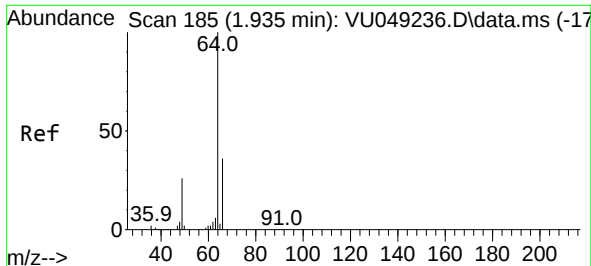
Tgt Ion: 50 Resp: 3065
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 0.175 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

Tgt Ion: 62 Resp: 1966
Ion Ratio Lower Upper
62 100
64 1041.9 22.8 42.4#

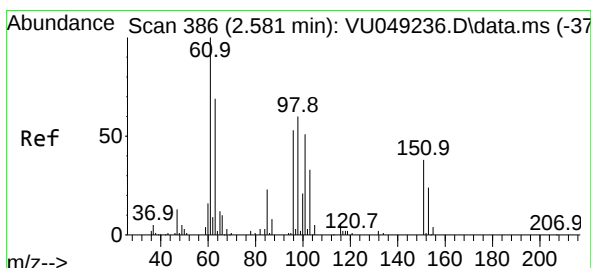
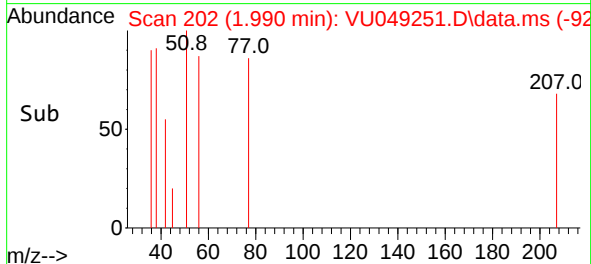
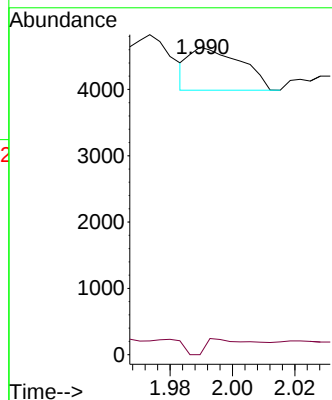
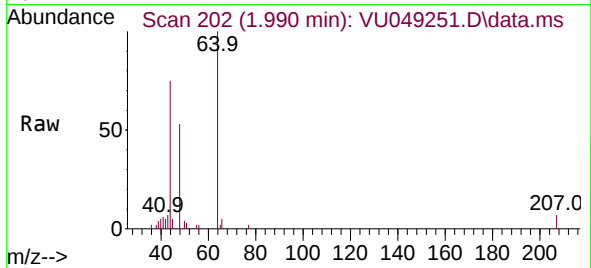




#8
Chloroethane
Concen: 0.115 ug/L
RT: 1.990 min Scan# 20
Delta R.T. 0.055 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

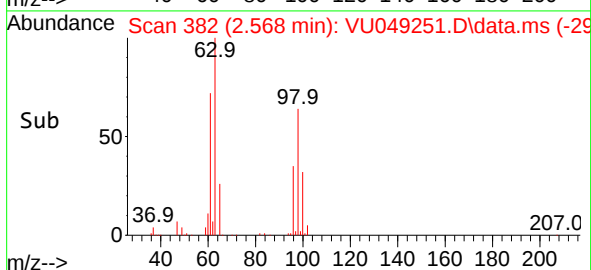
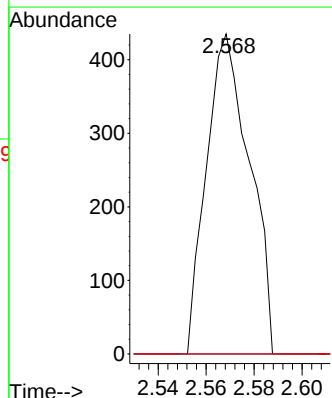
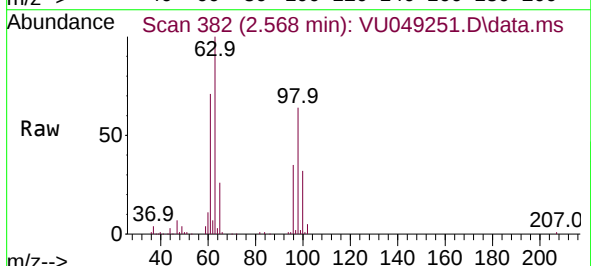
Instrument :
MSVOA_U
ClientSampleId :

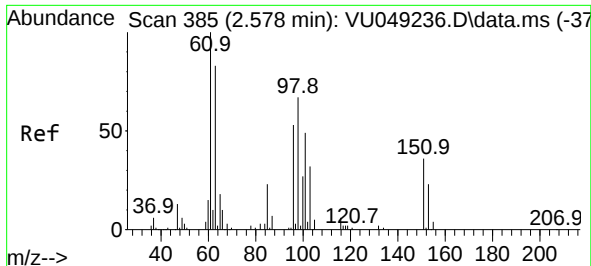
Tgt Ion: 64 Resp: 747
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

Tgt Ion: 101 Resp: 544
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: 5.878 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.000 min

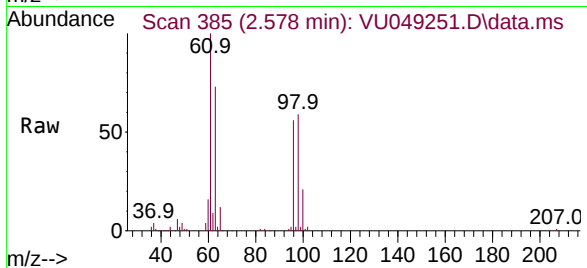
Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :



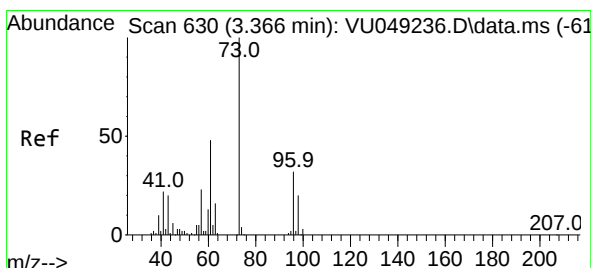
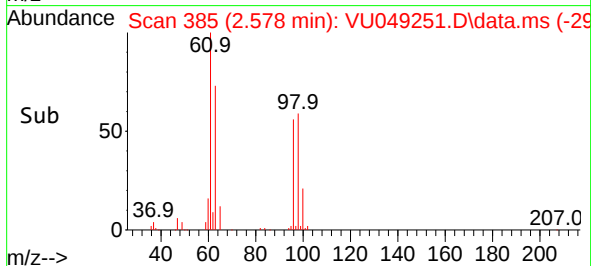
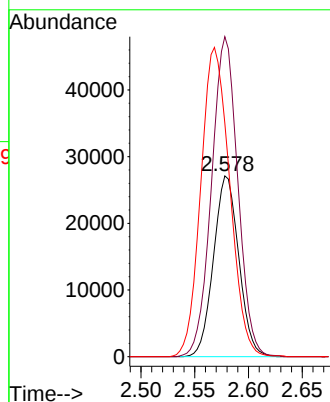
Tgt Ion: 96 Resp: 44283

Ion Ratio Lower Upper

96 100

61 177.0 127.2 236.2

63 129.2 94.7 175.9



#17

Methyl tert-butyl Ether

Concen: 0.104 ug/L

RT: 3.363 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

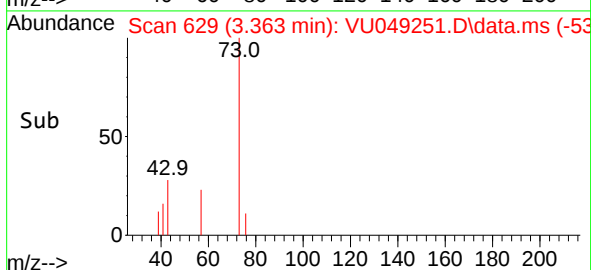
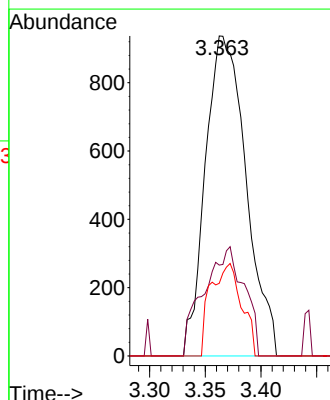
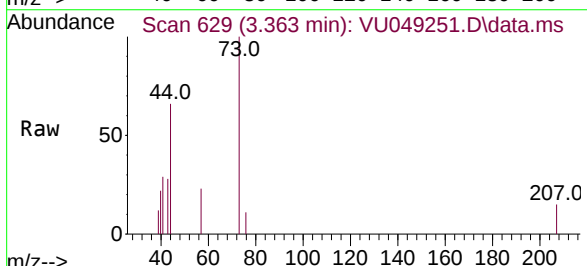
Tgt Ion: 73 Resp: 2381

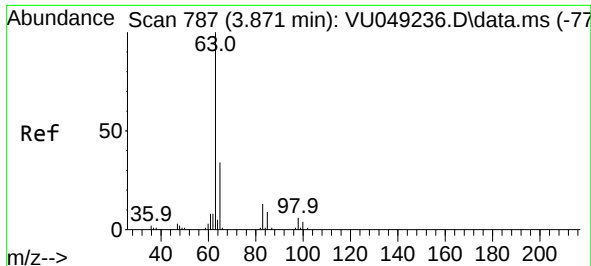
Ion Ratio Lower Upper

73 100

43 34.0 16.5 24.7#

57 22.0 18.6 27.8





#19

1,1-Dichloroethane

Concen: 3.439 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049251.D

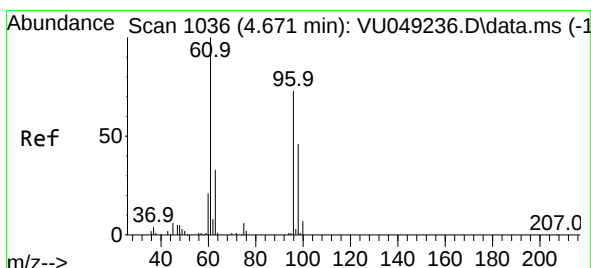
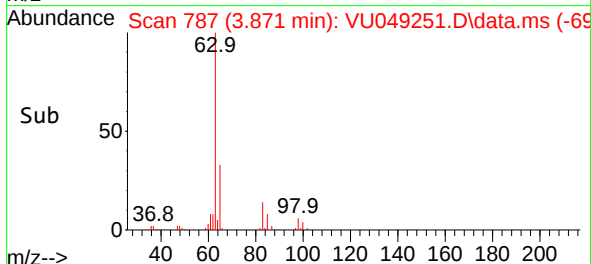
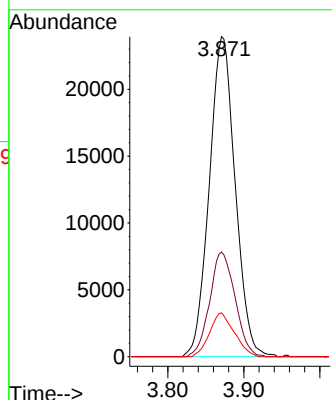
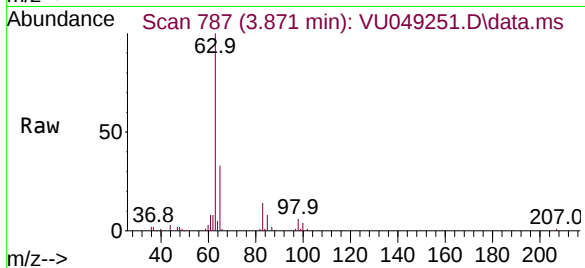
Acq: 17 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 56602
Ion Ratio	Lower Upper
63 100	
65 33.3	24.0 44.6
83 13.7	9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.139 ug/L

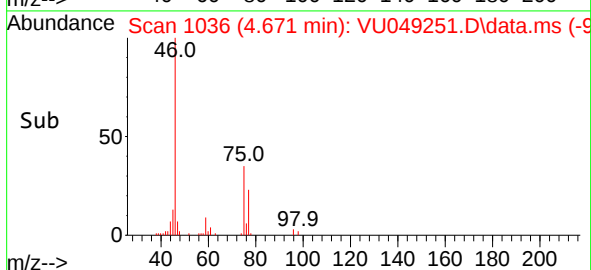
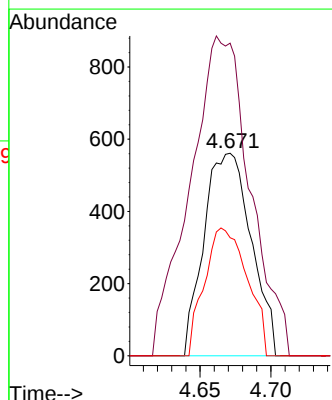
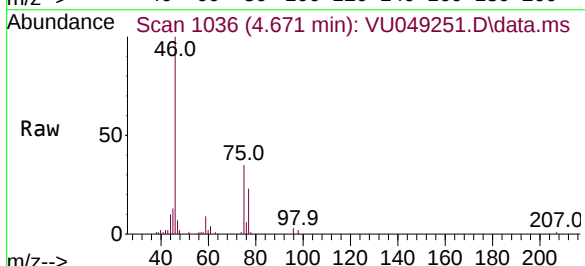
RT: 4.671 min Scan# 1036

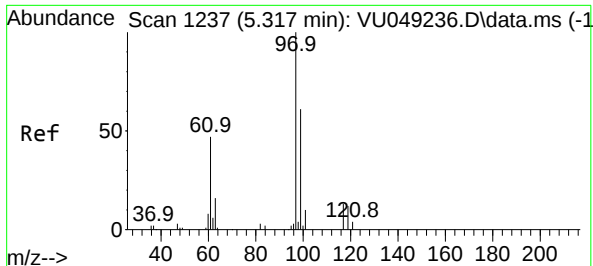
Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Tgt Ion: 96	Resp: 1302
Ion Ratio	Lower Upper
96 100	
61 154.4	99.5 184.9
98 58.3	44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.357 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

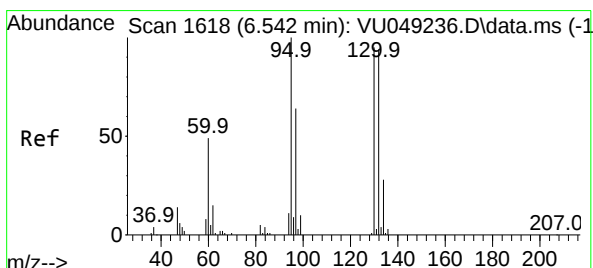
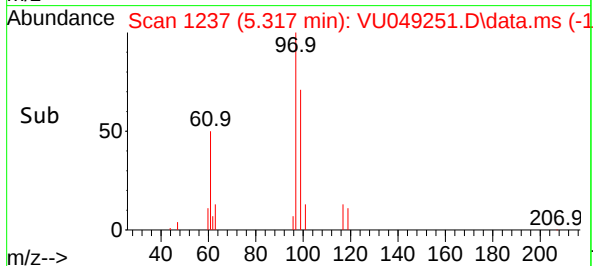
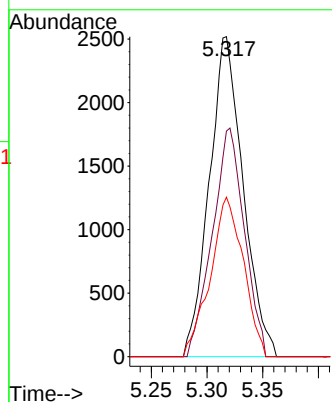
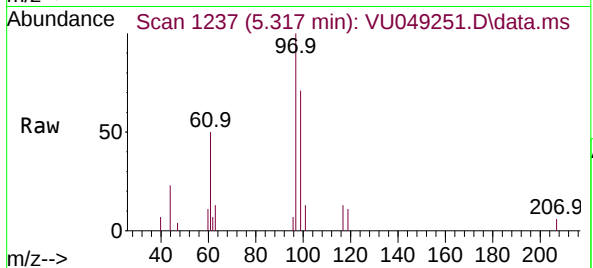
Tgt Ion: 97 Resp: 5321

Ion Ratio Lower Upper

97 100

99 67.6 51.0 76.4

61 48.8 36.2 54.4



#34

Trichloroethene

Concen: 5.190 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Tgt Ion: 95 Resp: 49202

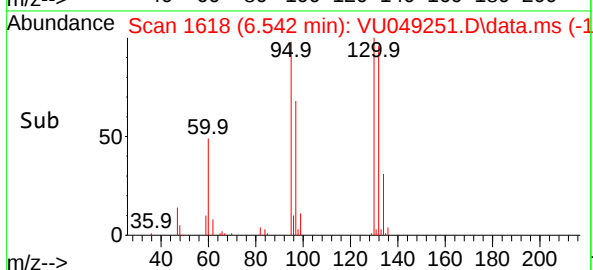
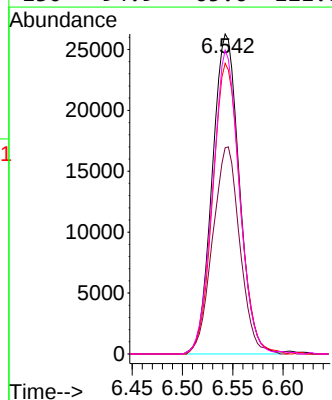
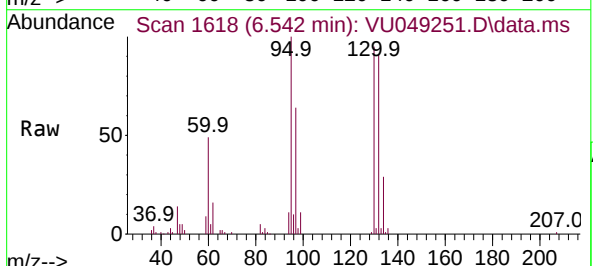
Ion Ratio Lower Upper

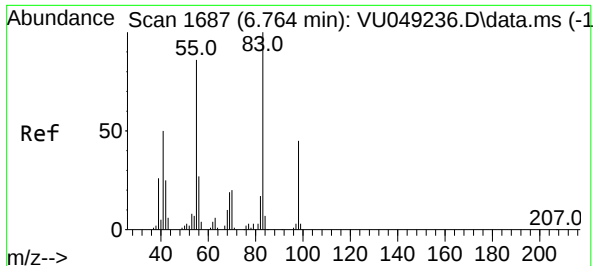
95 100

97 64.4 45.3 84.1

132 90.8 61.5 114.3

130 94.9 65.6 121.8

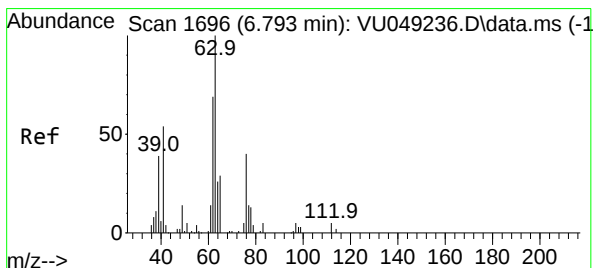
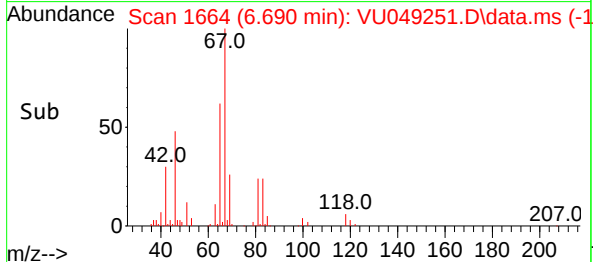
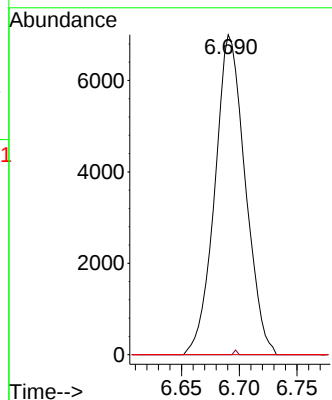
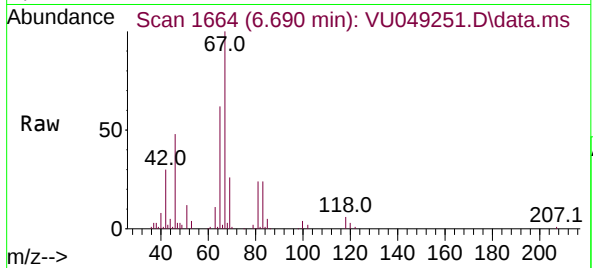




#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

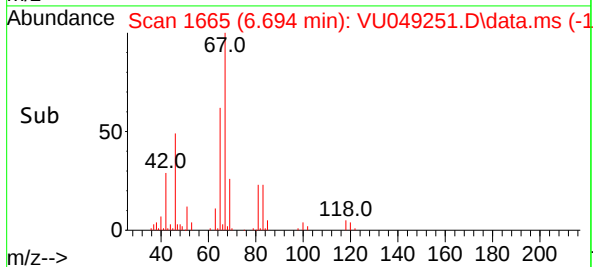
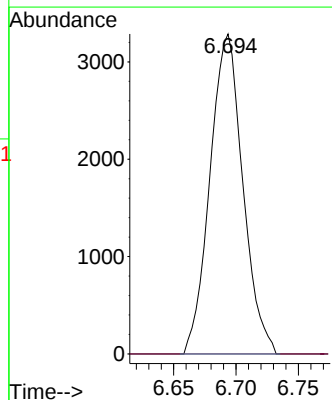
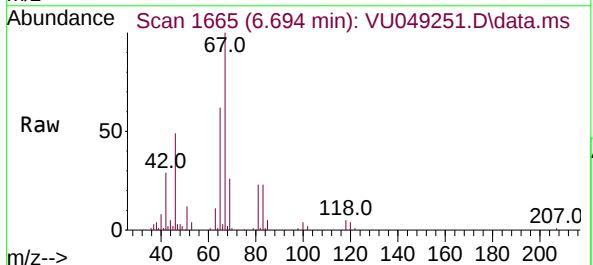
Instrument :
MSVOA_U
ClientSampleId :

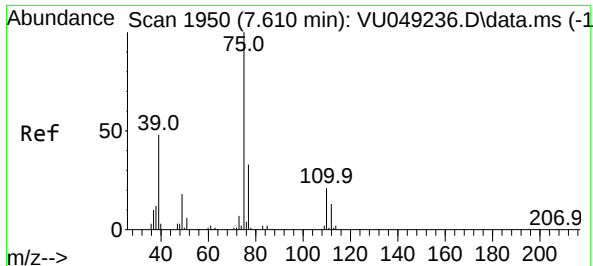
Tgt Ion: 83 Resp: 12809
Ion Ratio Lower Upper
83 100
55 0.2 66.9 100.3#
98 5.6 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.592 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU049251.D
Acq: 17 Jun 2022 17:04

Tgt Ion: 63 Resp: 6035
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049251.D

Acq: 17 Jun 2022 17:04

Instrument :

MSVOA_U

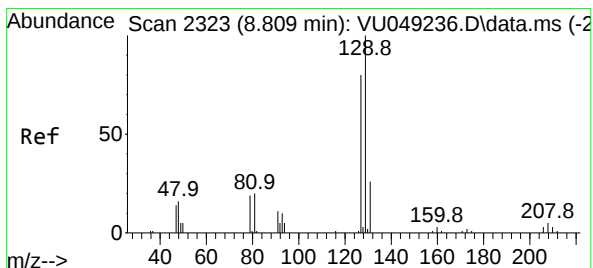
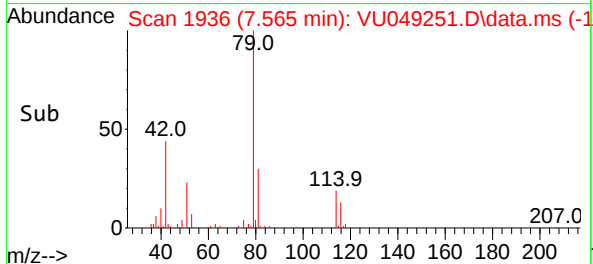
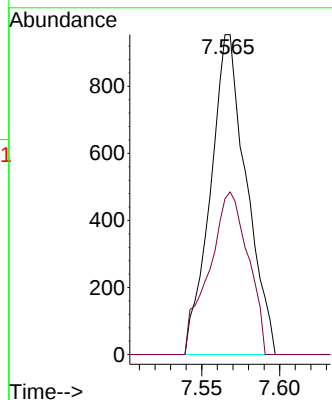
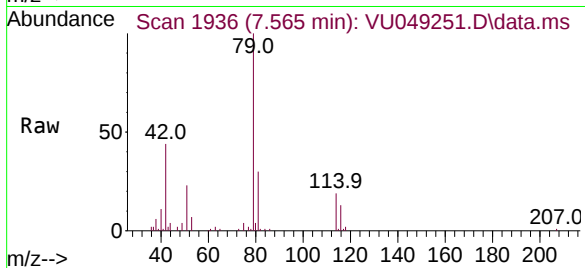
ClientSampleId :

Tgt Ion: 75 Resp: 1526

Ion Ratio Lower Upper

75 100

77 48.7 21.8 40.4#



#49

Dibromochloromethane

Concen: 0.075 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.254 min

Lab File: VU049251.D

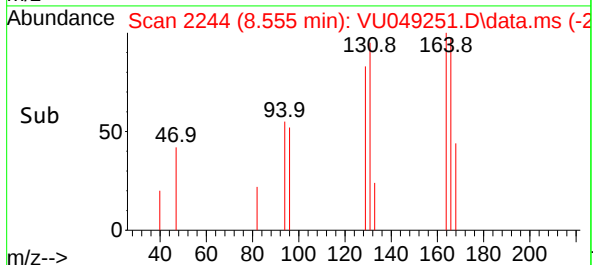
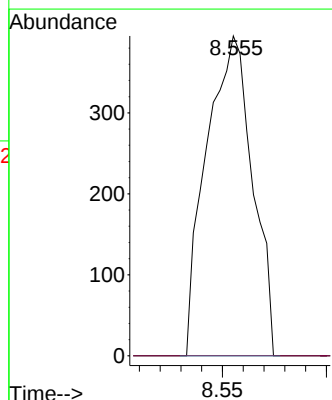
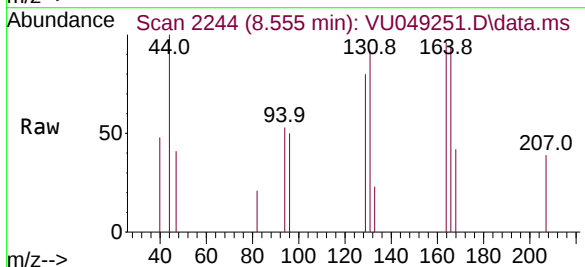
Acq: 17 Jun 2022 17:04

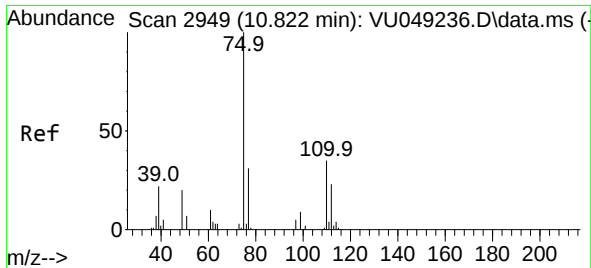
Tgt Ion: 129 Resp: 609

Ion Ratio Lower Upper

129 100

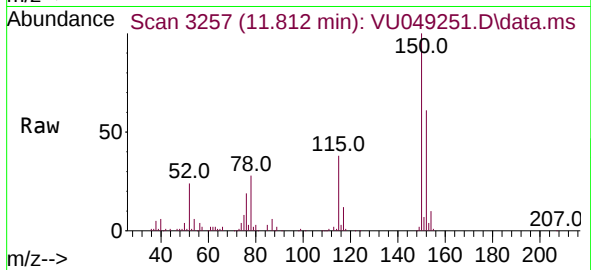
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.264 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049251.D
 Acq: 17 Jun 2022 17:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8731
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.0 43.4#
 77 34.1 26.2 39.2

