

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049259.D
 Acq On : 17 Jun 2022 21:19
 Operator : SY/MD
 Sample : N3320-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 05:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

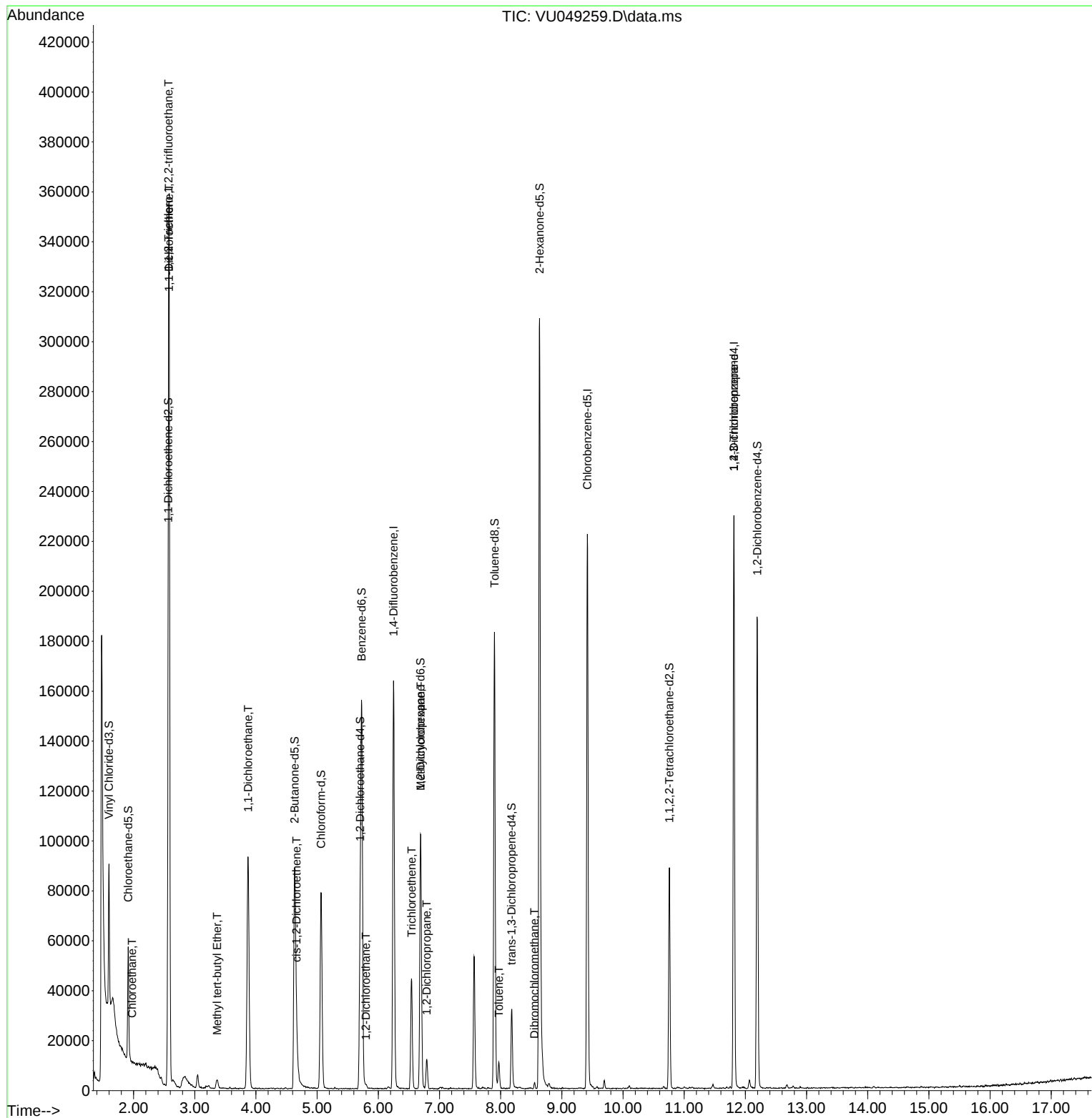
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128708	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	119025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40631	3.613	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.200%	
7) Chloroethane-d5	1.913	69	29937	3.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.565	65	15631	3.456	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	4.633	46	152648	50.835	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.660%	
24) Chloroform-d	5.064	84	73217	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.703	65	41471	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.729	84	138009	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.690	67	49779	4.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.800%	
41) Toluene-d8	7.899	98	116921	3.621	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	8.179	79	18080	3.344	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.800%	
46) 2-Hexanone-d5	8.636	63	109313	50.121	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43753	4.490	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	48084	4.261	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.974	64	712	0.114	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	582	0.078	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	101368	14.007	ug/L #	80
17) Methyl tert-butyl Ether	3.366	73	3489	0.159	ug/L #	80
19) 1,1-Dichloroethane	3.871	63	108023	6.832	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	2290	0.255	ug/L	93
27) 1,2-Dichloroethane	5.797	62	1068	0.102	ug/L #	74
34) Trichloroethene	6.546	95	15198	1.679	ug/L	97
35) Methylcyclohexane	6.694	83	10914	0.719	ug/L #	16
37) 1,2-Dichloropropane	6.793	63	4564	0.469	ug/L	99
42) Toluene	7.970	91	7513	0.200	ug/L	95
49) Dibromochloromethane	8.552	129	534	0.069	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7945	1.204	ug/L #	68

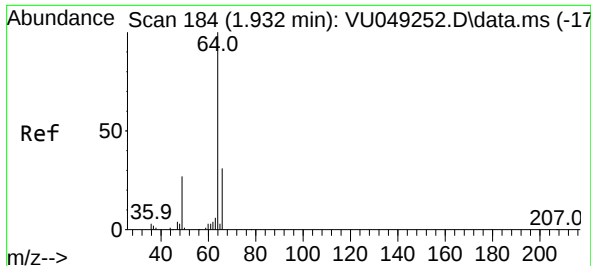
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
Data File : VU049259.D
Acq On : 17 Jun 2022 21:19
Operator : SY/MD
Sample : N3320-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 18 05:50:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 05:20:12 2022
Response via : Initial Calibration

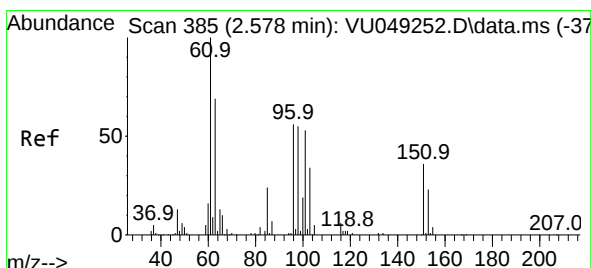
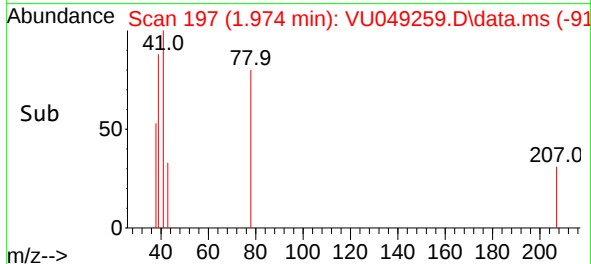
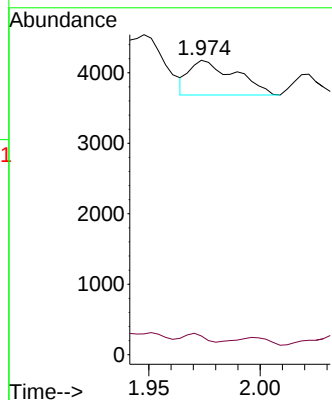
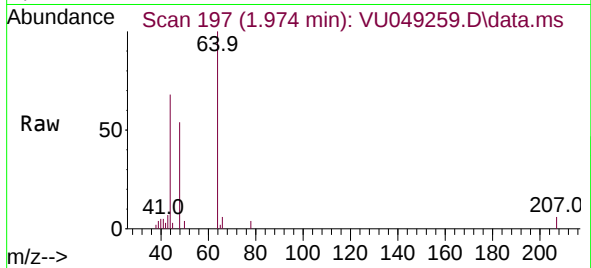




#8
Chloroethane
Concen: 0.114 ug/L
RT: 1.974 min Scan# 197
Delta R.T. 0.042 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

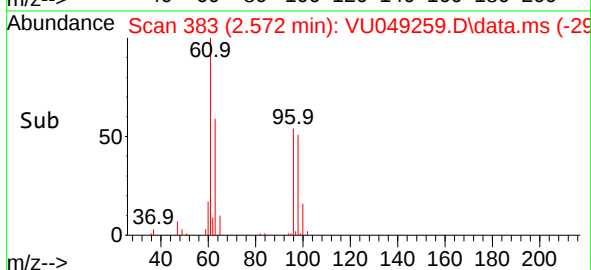
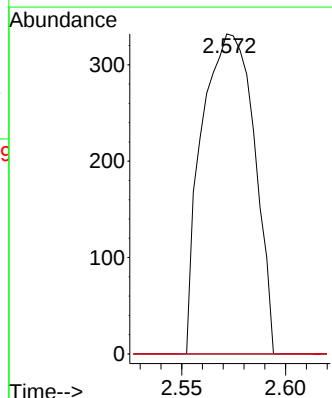
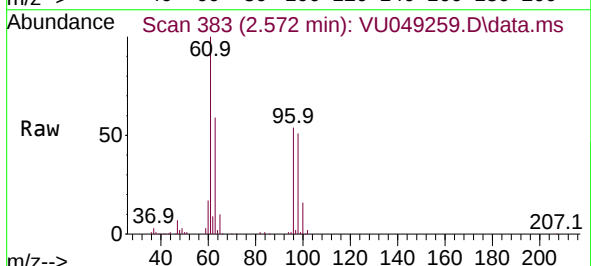
Instrument :
MSVOA_U
ClientSampleId :

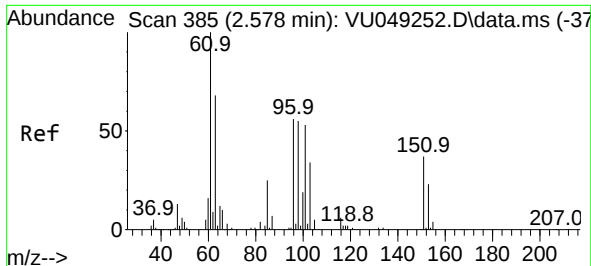
Tgt Ion: 64 Resp: 712
Ion Ratio Lower Upper
64 100
66 6.4 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

Tgt Ion: 101 Resp: 582
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

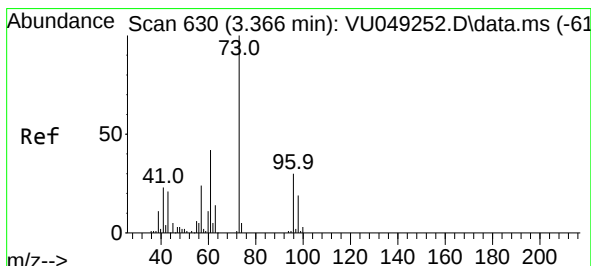
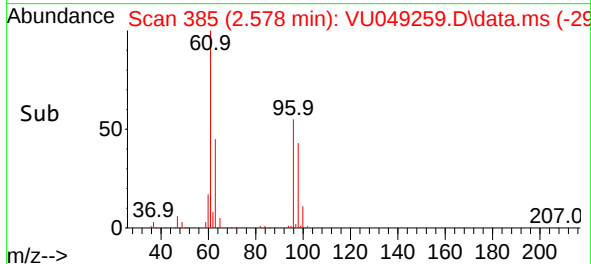
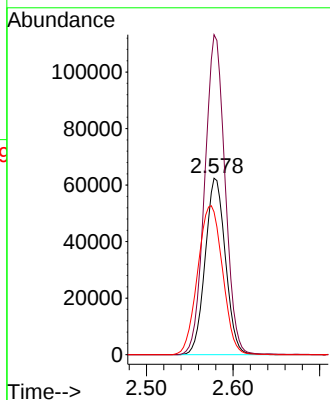
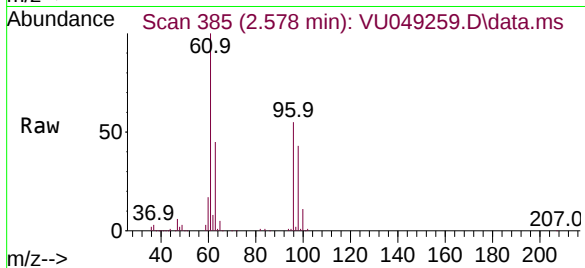




#12
1,1-Dichloroethene
Concen: 14.007 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

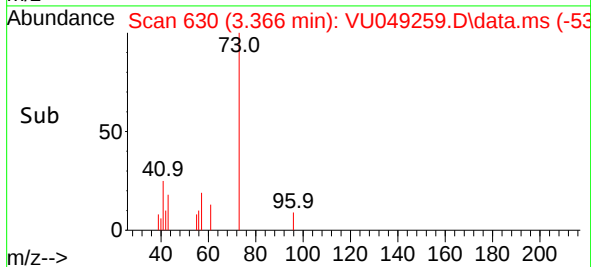
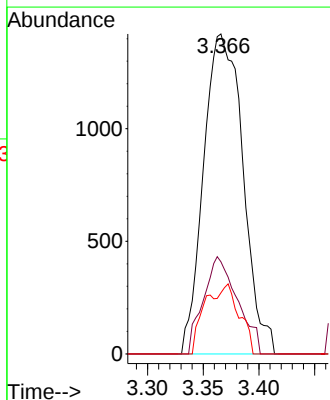
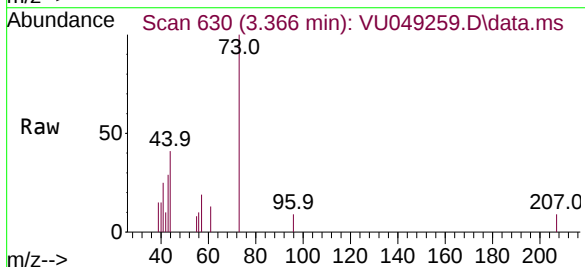
Instrument :
MSVOA_U
ClientSampleId :

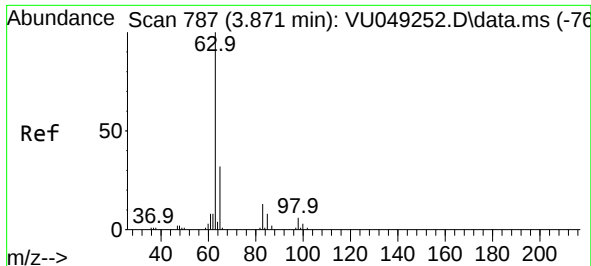
Tgt Ion: 96 Resp: 101368
Ion Ratio Lower Upper
96 100
61 181.2 127.2 236.2
63 80.8 94.7 175.9#



#17
Methyl tert-butyl Ether
Concen: 0.159 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

Tgt Ion: 73 Resp: 3489
Ion Ratio Lower Upper
73 100
43 26.4 16.5 24.7#
57 10.6 18.6 27.8#





#19

1,1-Dichloroethane

Concen: 6.832 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

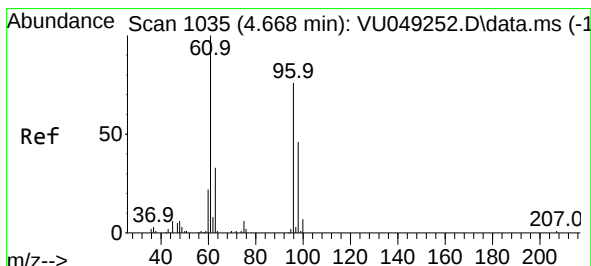
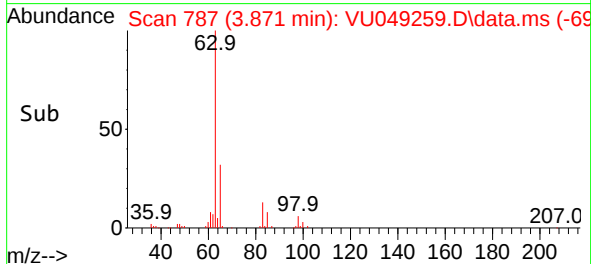
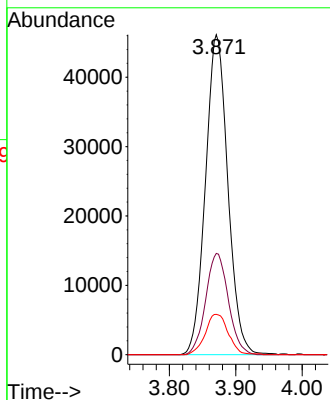
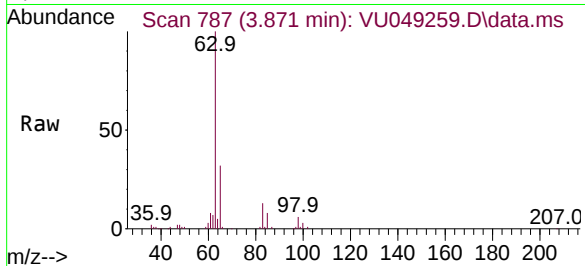
Tgt Ion: 63 Resp: 108023

Ion Ratio Lower Upper

63 100

65 31.7 24.0 44.6

83 12.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

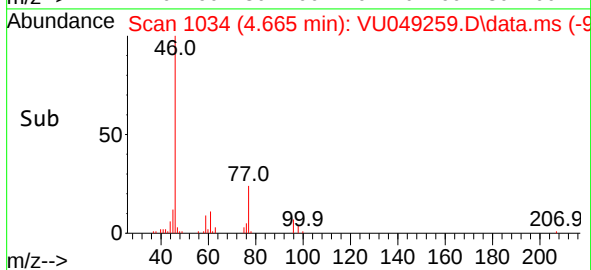
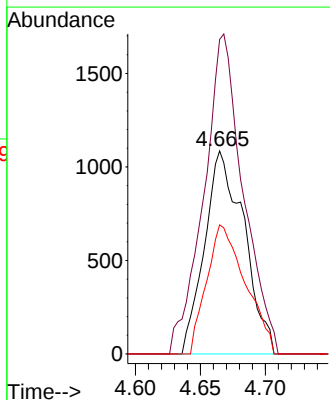
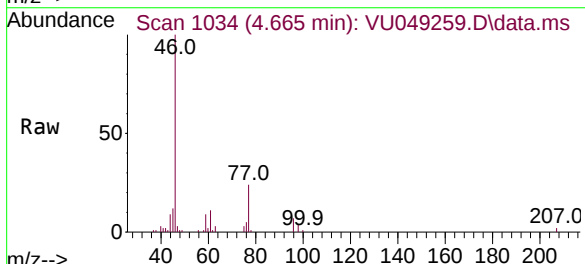
Tgt Ion: 96 Resp: 2290

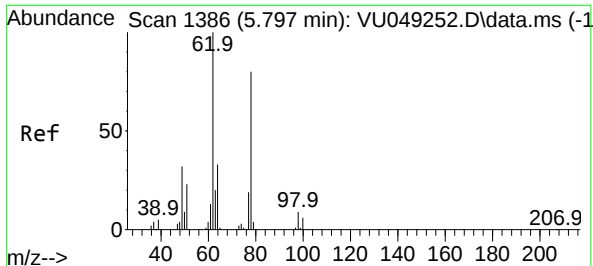
Ion Ratio Lower Upper

96 100

61 154.9 99.5 184.9

98 63.6 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.797 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

Instrument :

MSVOA_U

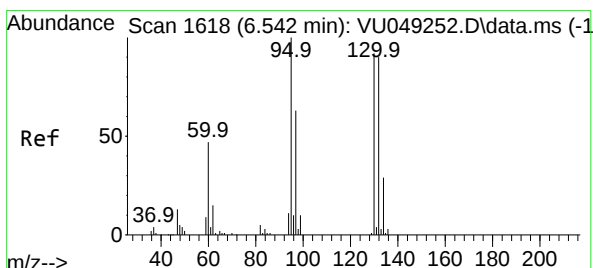
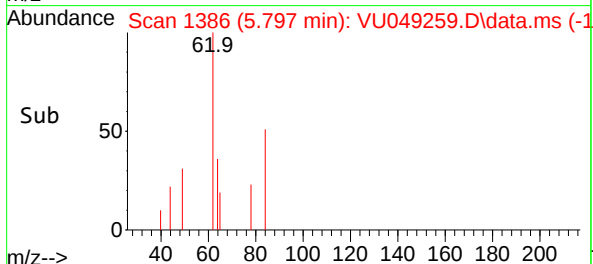
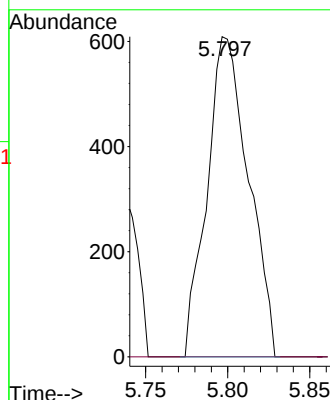
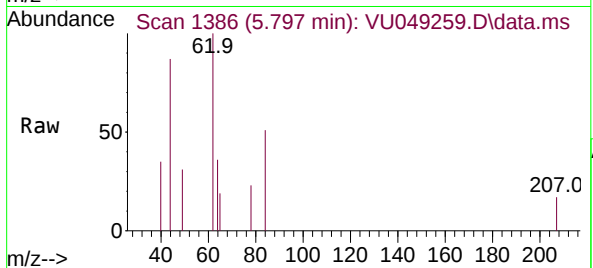
ClientSampleId :

Tgt Ion: 62 Resp: 1068

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#34

Trichloroethene

Concen: 1.679 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

Tgt Ion: 95 Resp: 15198

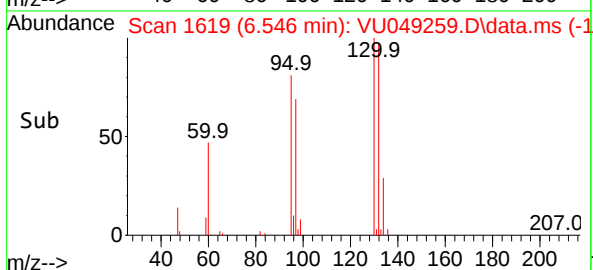
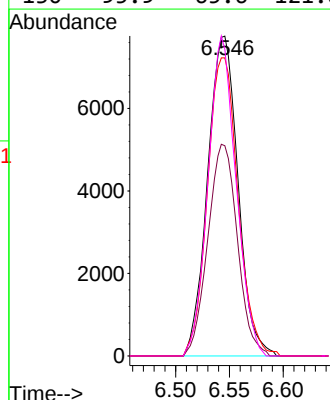
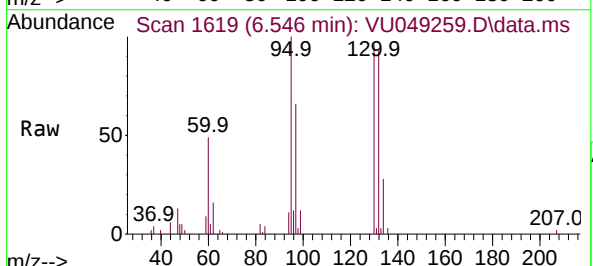
Ion Ratio Lower Upper

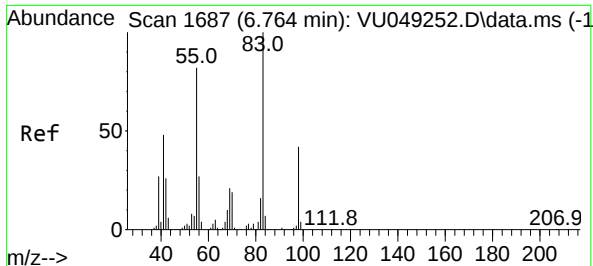
95 100

97 65.7 45.3 84.1

132 93.2 61.5 114.3

130 95.9 65.6 121.8





#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049259.D

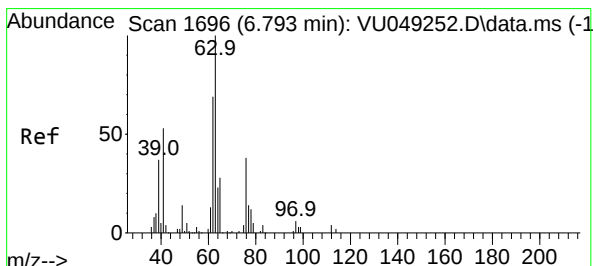
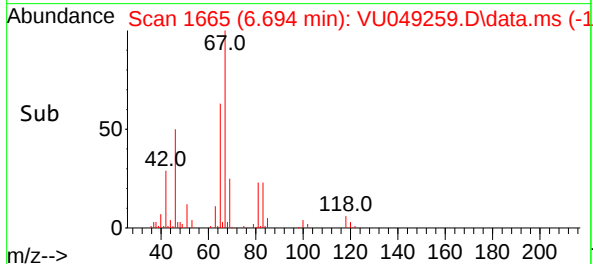
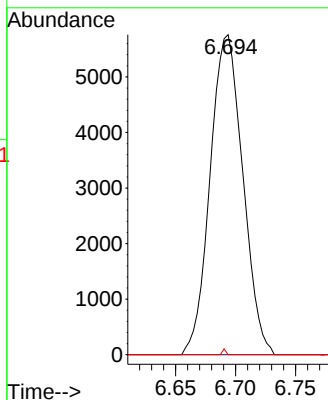
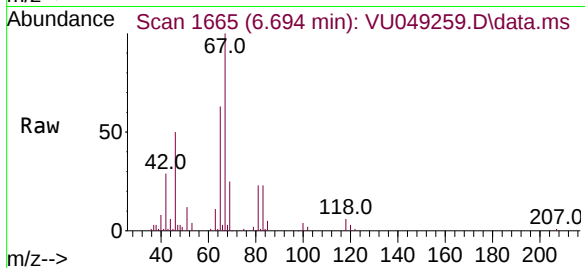
Acq: 17 Jun 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	10914
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.9	100.3#
98	0.0	35.5	53.3#



#37

1,2-Dichloropropane

Concen: 0.469 ug/L

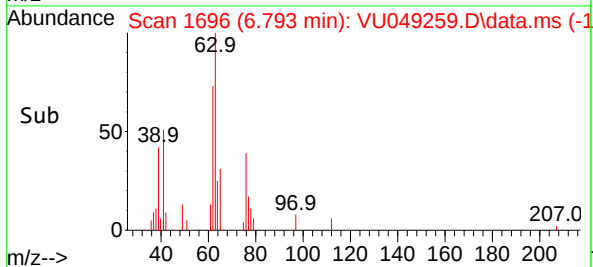
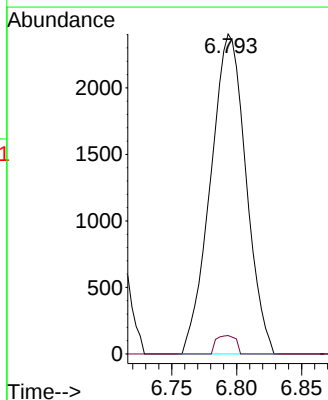
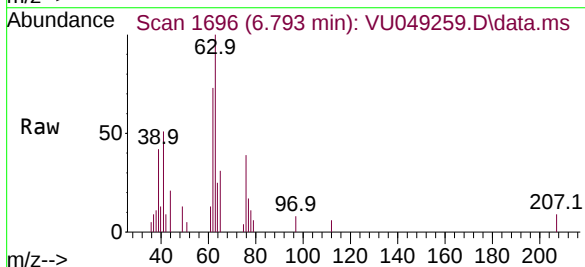
RT: 6.793 min Scan# 1696

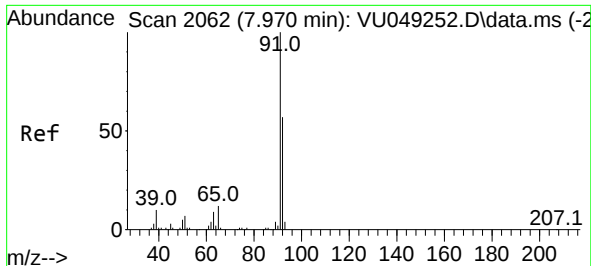
Delta R.T. 0.000 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

Tgt Ion:	63	Resp:	4564
Ion	Ratio	Lower	Upper
63	100		
112	3.2	2.8	4.2





#42

Toluene

Concen: 0.200 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

Instrument :

MSVOA_U

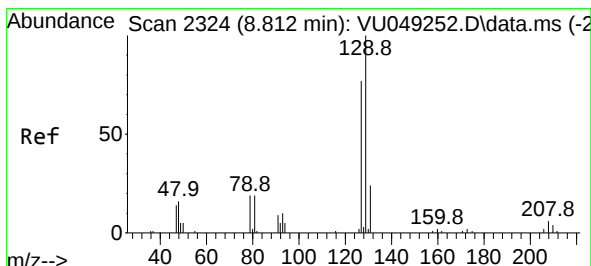
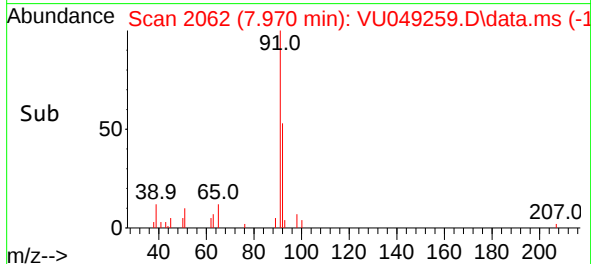
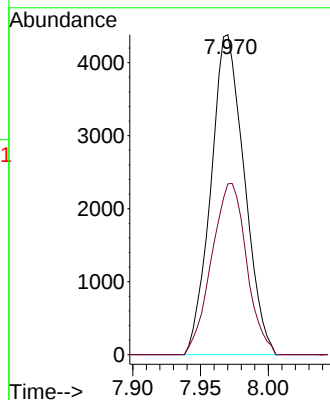
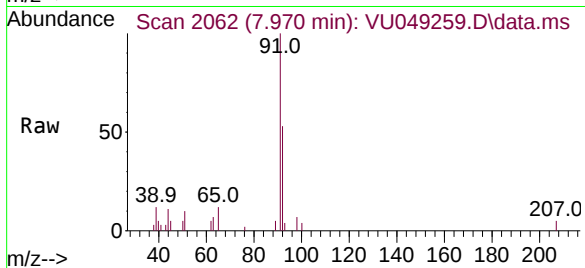
ClientSampleId :

Tgt Ion: 91 Resp: 7513

Ion Ratio Lower Upper

91 100

92 53.4 40.0 74.2



#49

Dibromochloromethane

Concen: 0.069 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.260 min

Lab File: VU049259.D

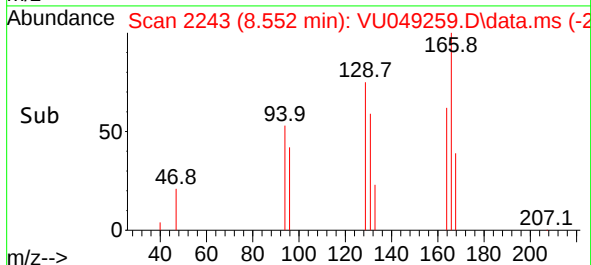
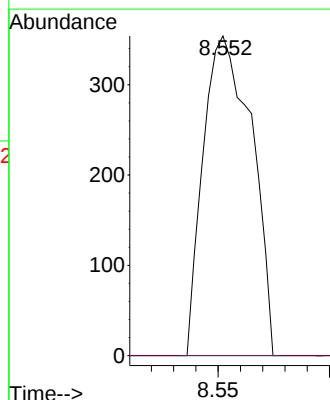
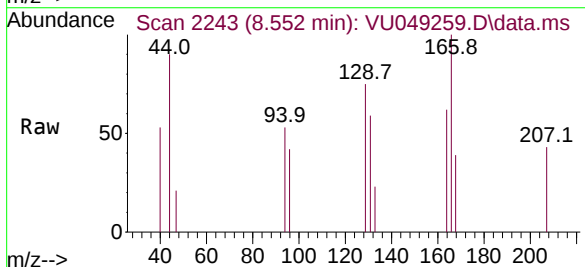
Acq: 17 Jun 2022 21:19

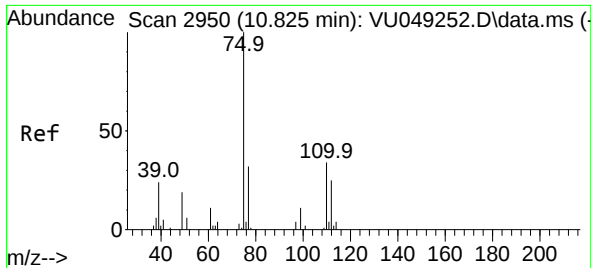
Tgt Ion: 129 Resp: 534

Ion Ratio Lower Upper

129 100

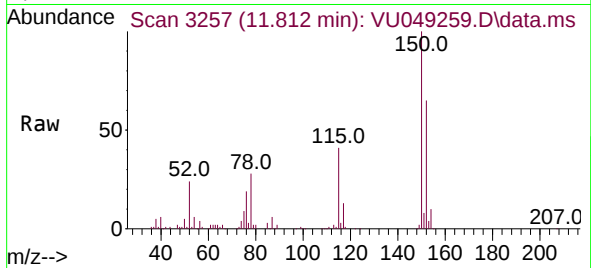
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.204 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049259.D
 Acq: 17 Jun 2022 21:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7945
 Ion Ratio Lower Upper
 75 100
 110 1.9 29.0 43.4#
 77 31.2 26.2 39.2

