

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049146.D
 Acq On : 15 Jun 2022 04:26
 Operator : SY/MD
 Sample : N3274-12 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BA2

Quant Time: Jun 15 07:24:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

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

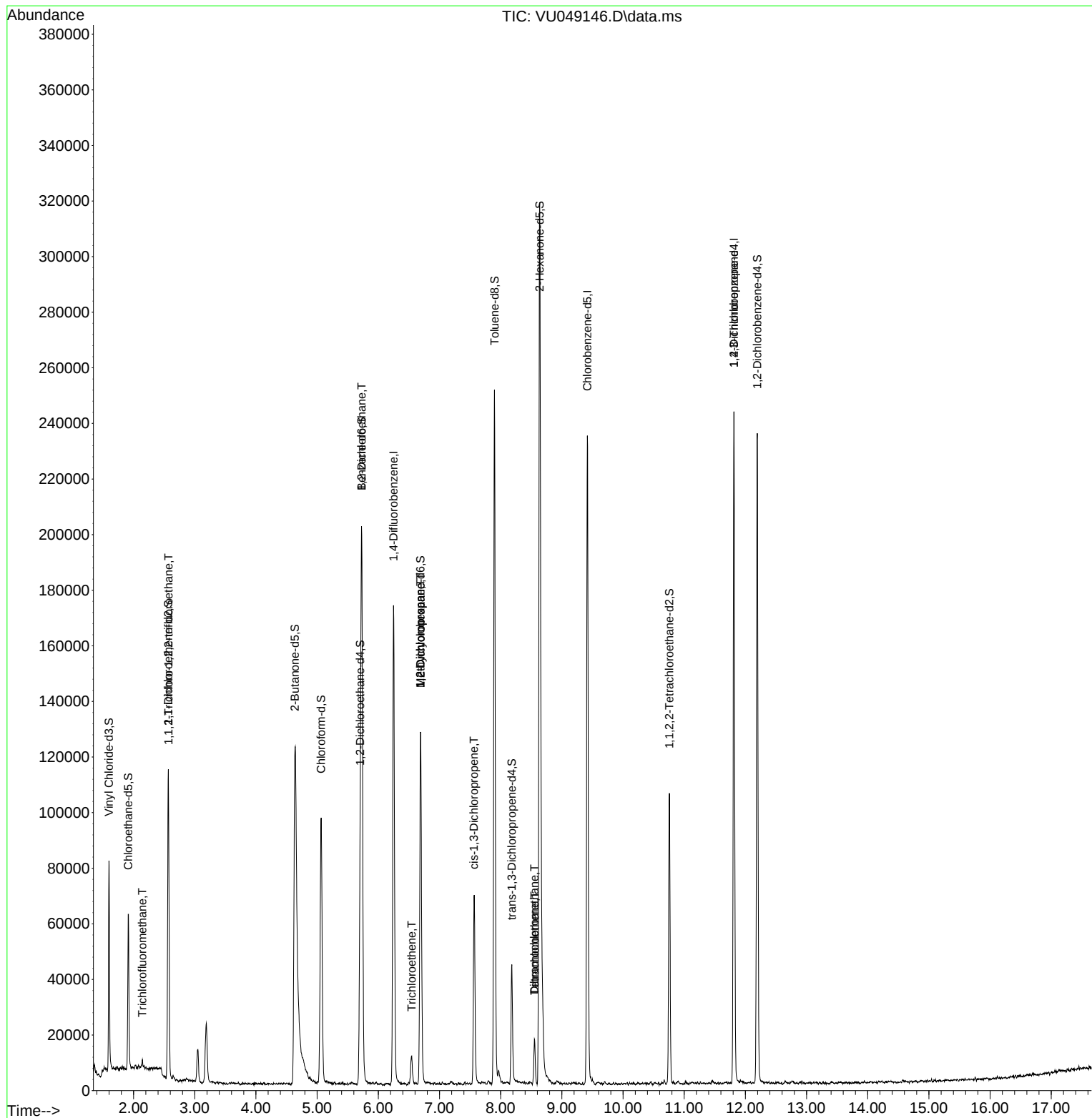
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52026	4.383	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.912	69	38917	4.842	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.568	65	21156	4.431	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.636	46	190507	60.105	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.220%	
24) Chloroform-d	5.067	84	89994	4.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.703	65	52287	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.729	84	182766	4.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.690	67	63476	4.976	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.899	98	161838	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...	8.182	79	24230	4.275	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.636	63	120590	52.747	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52187	5.109	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	58025	4.758	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
9) Trichlorofluoromethane	2.141	101	1527	0.115	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	466	0.059	ug/L #	21
27) 1,2-Dichloroethane	5.729	62	1124	0.102	ug/L #	74
34) Trichloroethene	6.546	95	3235	0.341	ug/L	95
35) Methylcyclohexane	6.690	83	13260	0.833	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6711	0.658	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	1714	0.111	ug/L #	49
47) Tetrachloroethene	8.555	164	3400	0.520	ug/L	97
49) Dibromochloromethane	8.552	129	3436	0.424	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8003	1.122	ug/L #	70

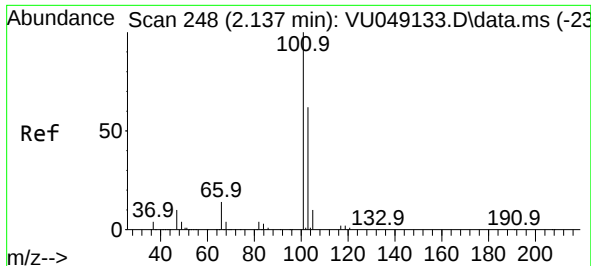
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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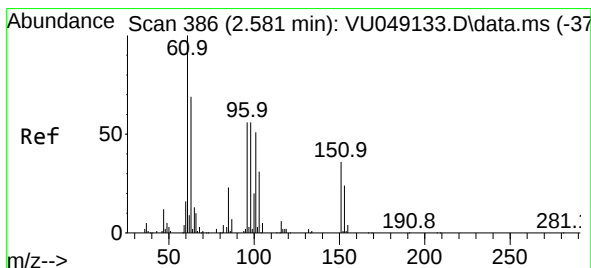
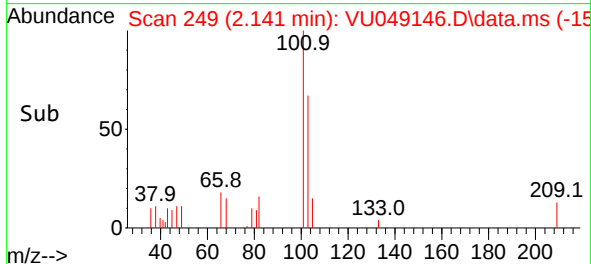
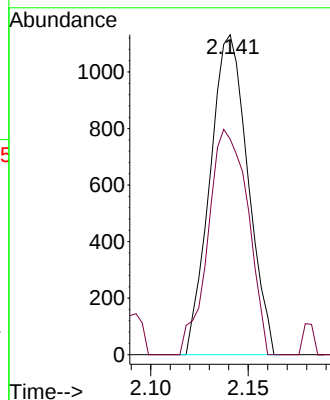
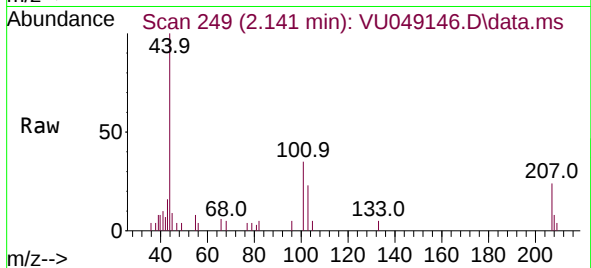




#9
 Trichlorofluoromethane
 Concen: 0.115 ug/L
 RT: 2.141 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU049146.D
 Acq: 15 Jun 2022 04:26

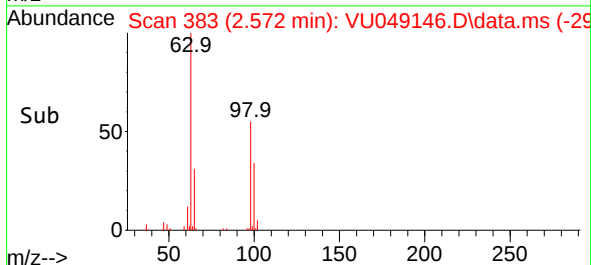
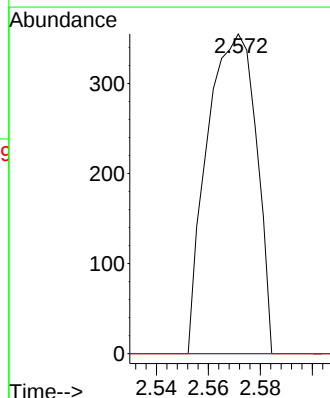
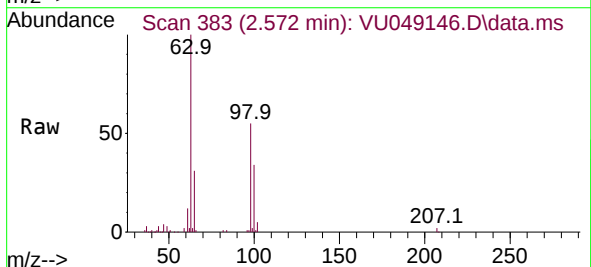
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BA2

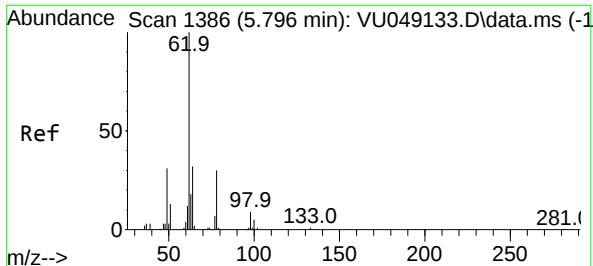
Tgt Ion:101 Resp: 1527
 Ion Ratio Lower Upper
 101 100
 103 73.9 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU049146.D
 Acq: 15 Jun 2022 04:26

Tgt Ion:101 Resp: 466
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

Instrument :

MSVOA_U

ClientSampleId :

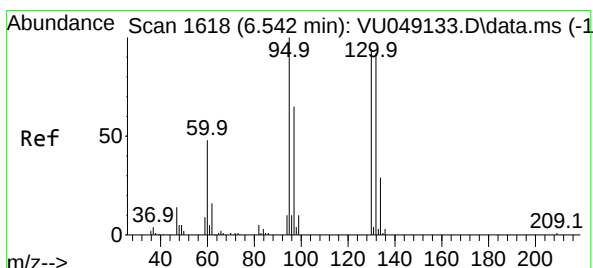
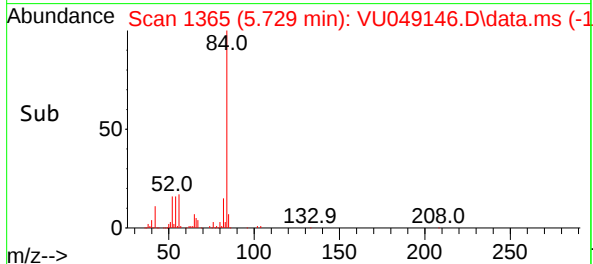
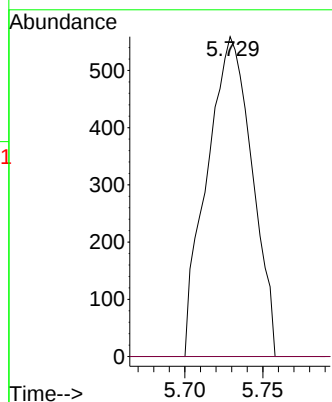
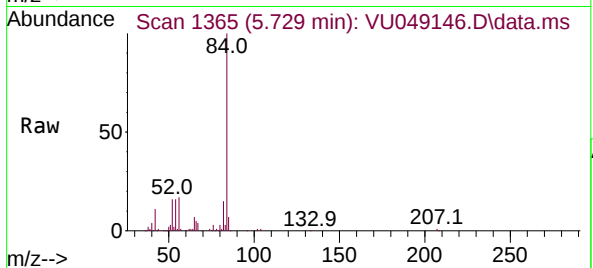
C0BA2

Tgt Ion: 62 Resp: 1124

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#34

Trichloroethene

Concen: 0.341 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

Tgt Ion: 95 Resp: 3235

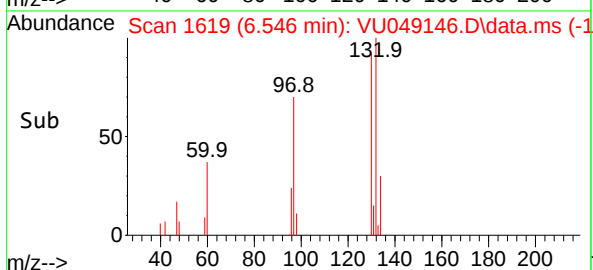
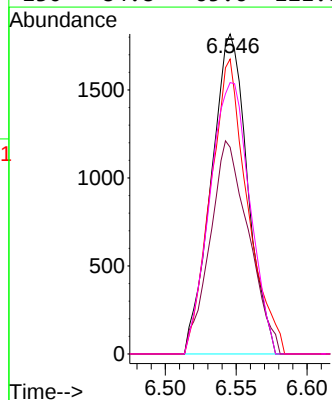
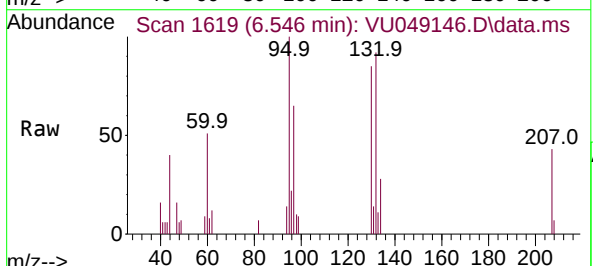
Ion Ratio Lower Upper

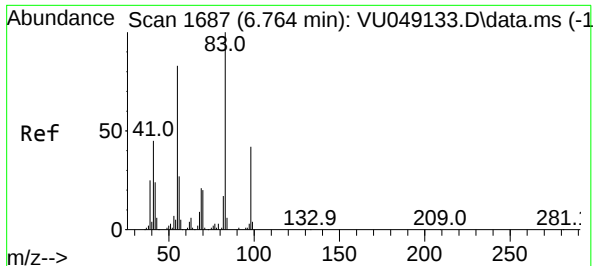
95 100

97 64.6 45.3 84.1

132 92.1 61.5 114.3

130 84.8 65.6 121.8





#35

Methylcyclohexane

Concen: 0.833 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

Instrument :

MSVOA_U

ClientSampleId :

C0BA2

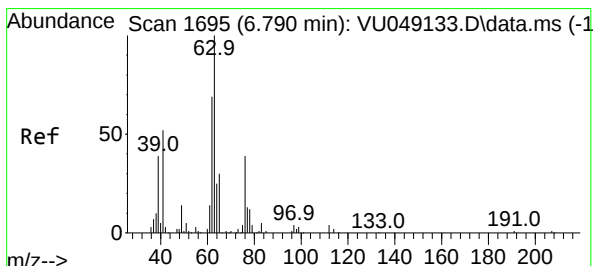
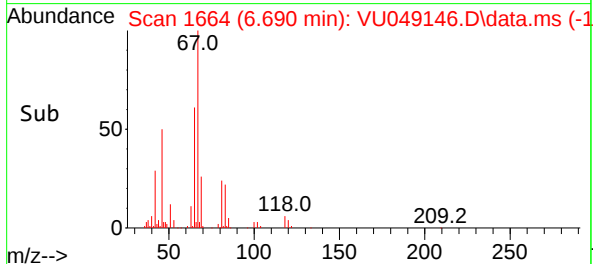
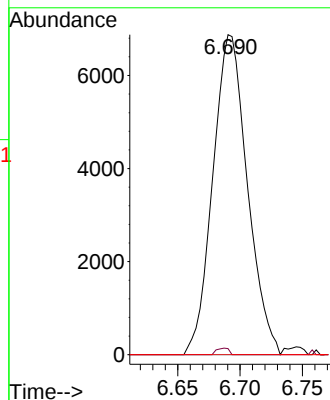
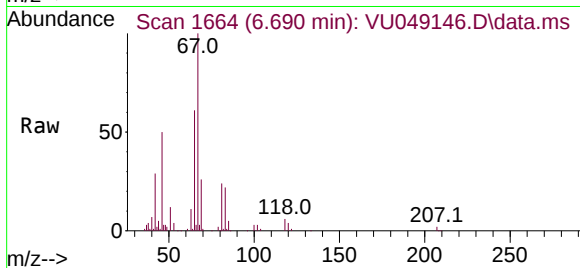
Tgt Ion: 83 Resp: 13260

Ion Ratio Lower Upper

83 100

55 0.7 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049146.D

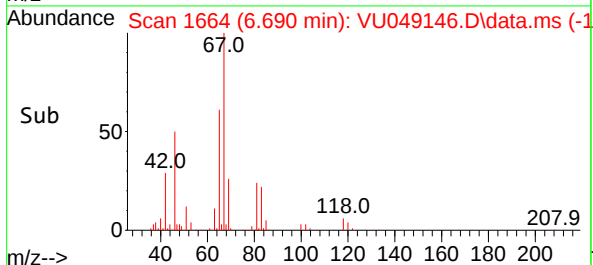
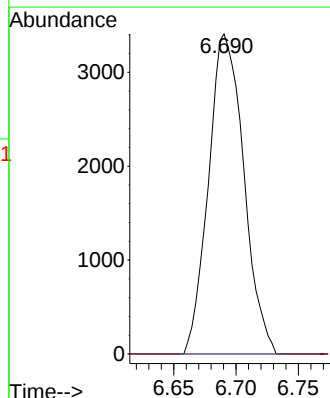
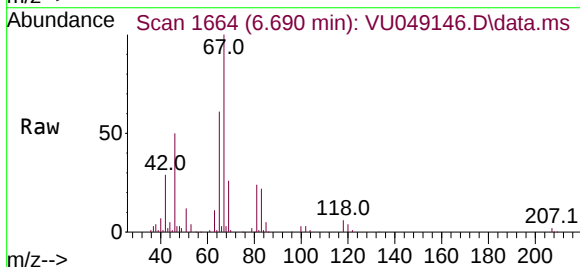
Acq: 15 Jun 2022 04:26

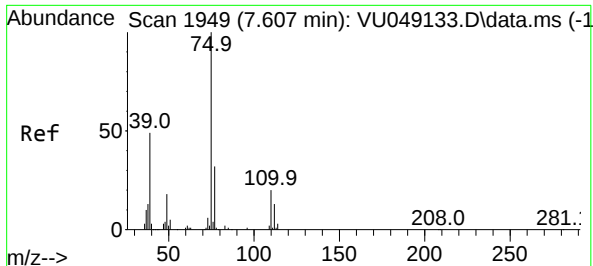
Tgt Ion: 63 Resp: 6711

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

Instrument :

MSVOA_U

ClientSampleId :

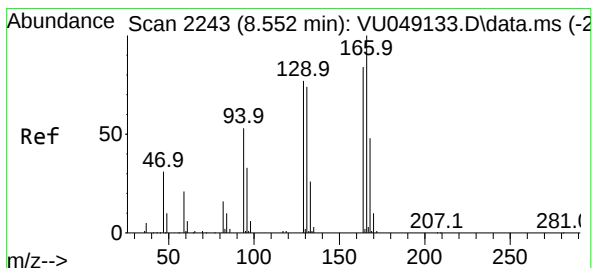
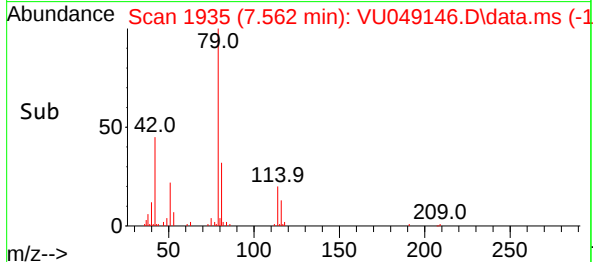
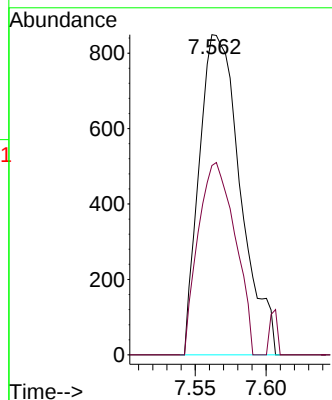
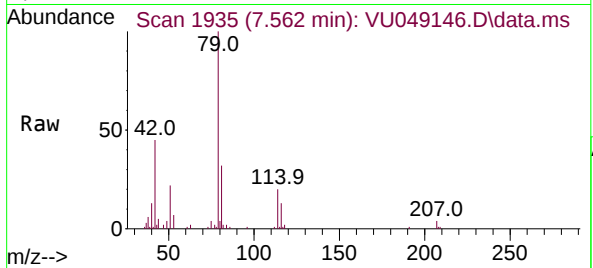
C0BA2

Tgt Ion: 75 Resp: 1714

Ion Ratio Lower Upper

75 100

77 59.1 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.520 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

Tgt Ion: 164 Resp: 3400

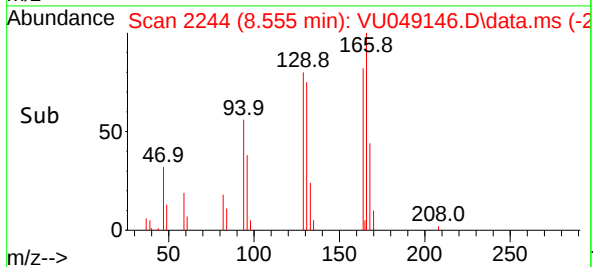
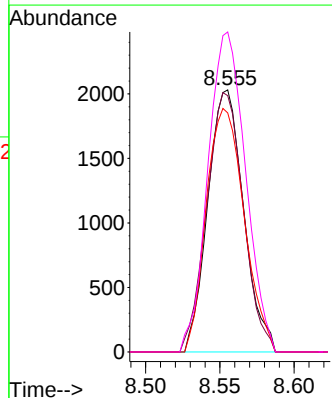
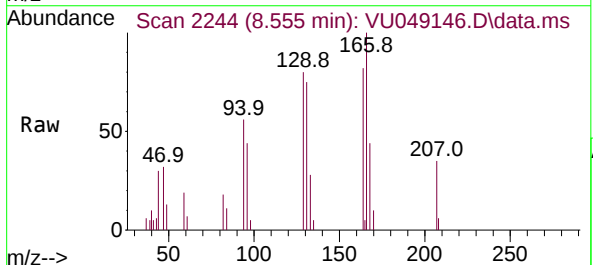
Ion Ratio Lower Upper

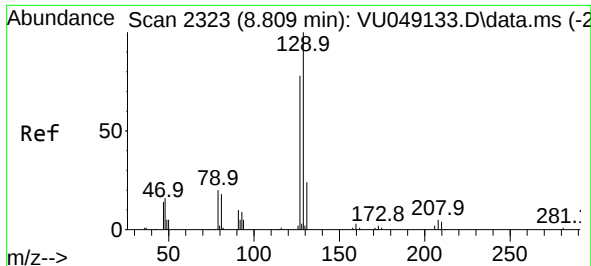
164 100

129 97.8 69.8 129.6

131 91.2 67.8 125.8

166 122.1 87.3 162.1





#49

Dibromochloromethane

Concen: 0.424 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

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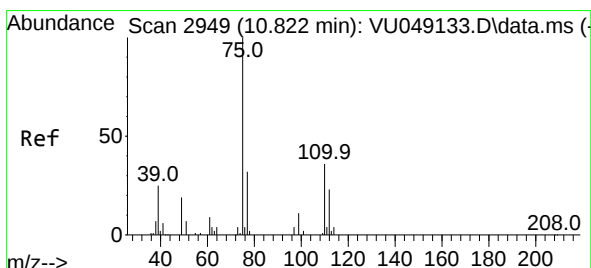
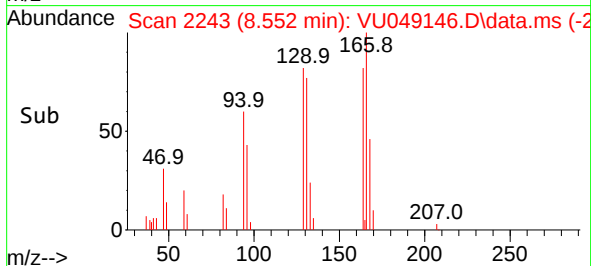
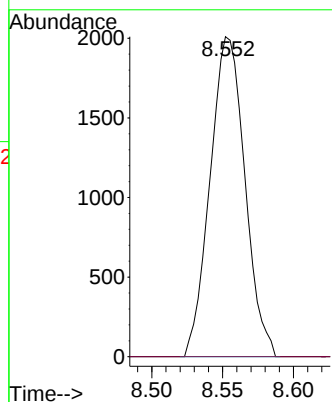
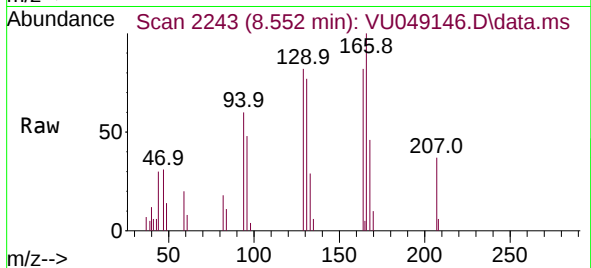
C0BA2

Tgt Ion:129 Resp: 3436

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#61

1,2,3-Trichloropropane

Concen: 1.122 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049146.D

Acq: 15 Jun 2022 04:26

Tgt Ion: 75 Resp: 8003

Ion Ratio Lower Upper

75 100

110 2.4 29.0 43.4#

77 33.0 26.2 39.2

