

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049163.D
 Acq On : 15 Jun 2022 12:25
 Operator : SY/MD
 Sample : N3274-20 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC3

Quant Time: Jun 16 04:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

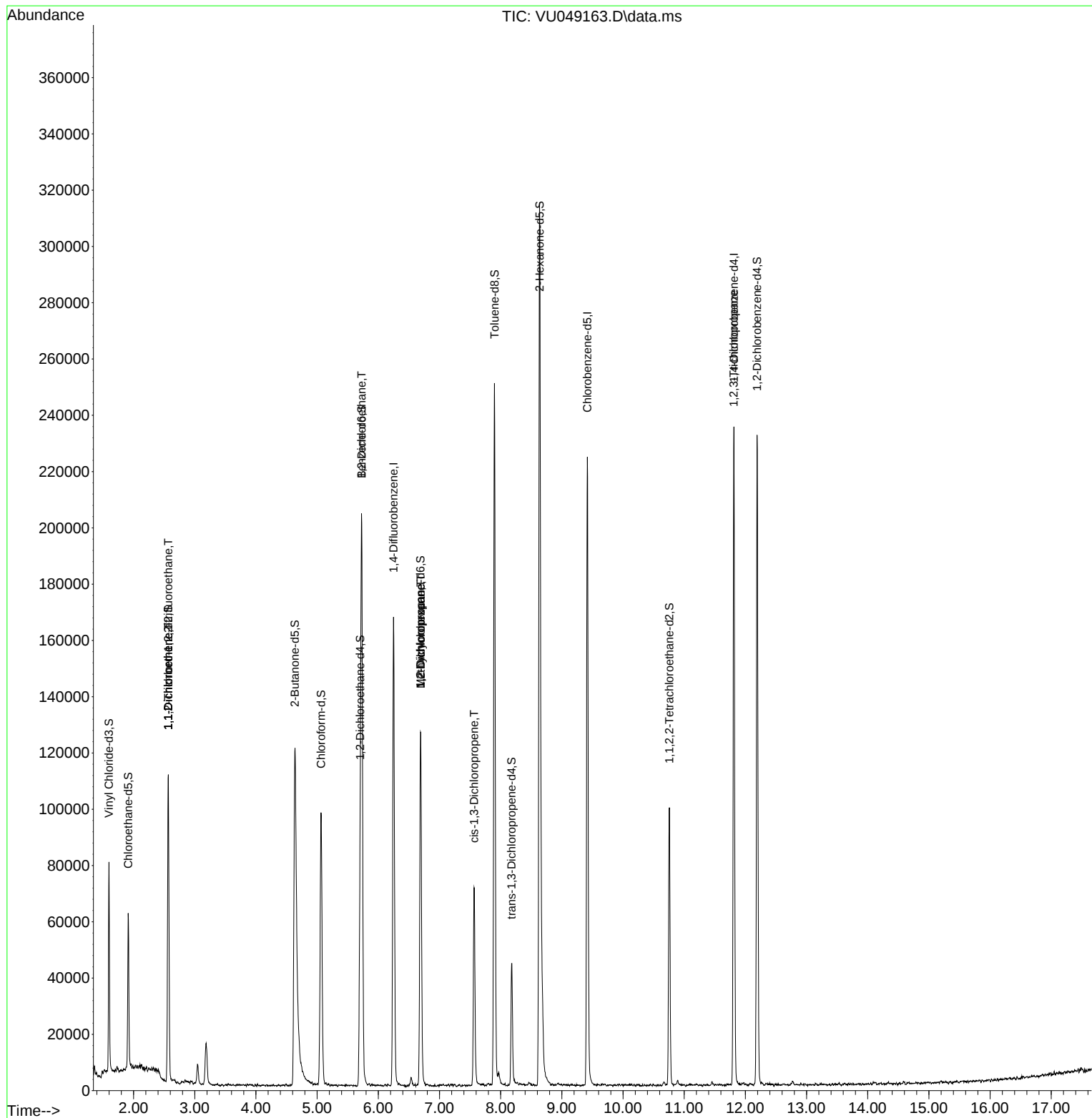
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	131637	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60048	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51396	4.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.912	69	37724	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.568	65	20849	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.636	46	177851	57.910	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.820%
24) Chloroform-d	5.063	84	88645	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.703	65	51001	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.729	84	183296	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.690	67	63451	5.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.899	98	160593	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.179	79	25206	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.636	63	111503	50.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51605	5.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	57846	5.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	610	0.080	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	982	0.133	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	1105	0.103	ug/L #	74
35) Methylcyclohexane	6.694	83	13649	0.881	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	6637	0.668	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1896	0.126	ug/L #	53
61) 1,2,3-Trichloropropane	11.809	75	8296	1.231	ug/L #	69

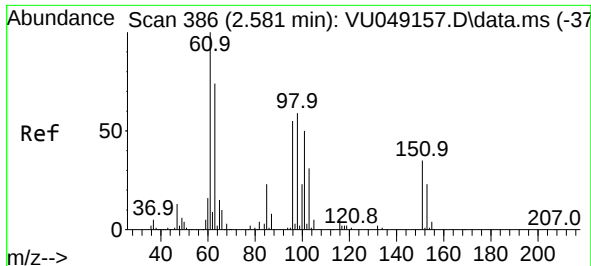
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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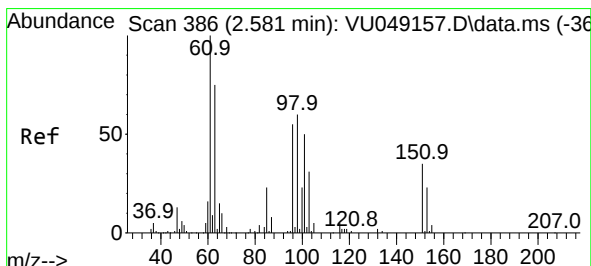
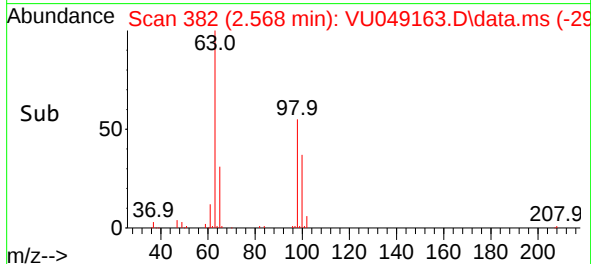
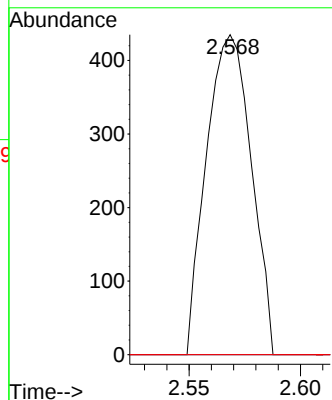
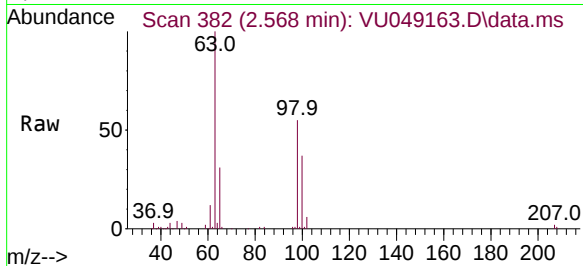




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.080 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049163.D
 Acq: 15 Jun 2022 12:25

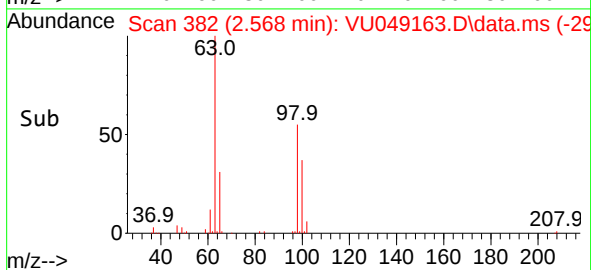
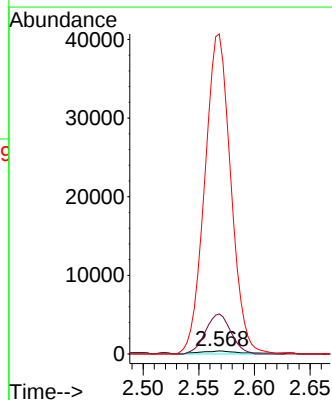
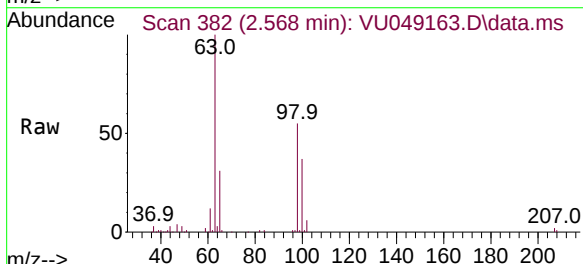
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC3

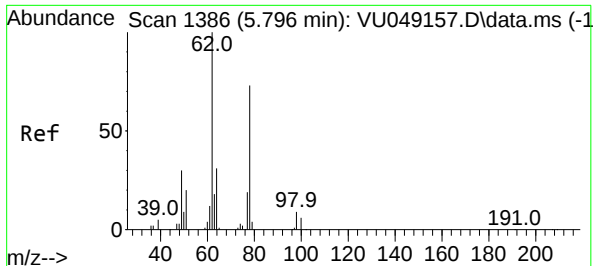
Tgt Ion:101 Resp: 610
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.133 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049163.D
 Acq: 15 Jun 2022 12:25

Tgt Ion: 96 Resp: 982
 Ion Ratio Lower Upper
 96 100
 61 1296.4 127.2 236.2#
 63 10381.6 94.7 175.9#





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU049163.D

Acq: 15 Jun 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

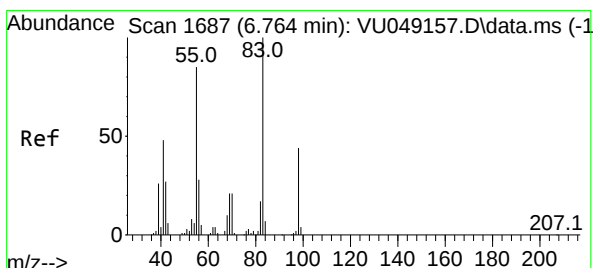
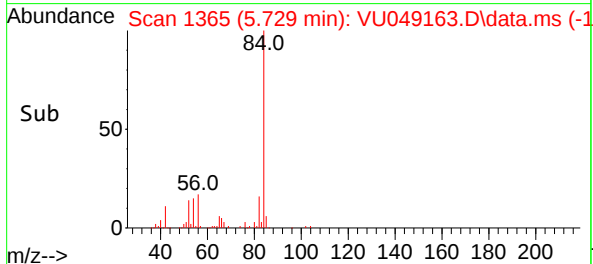
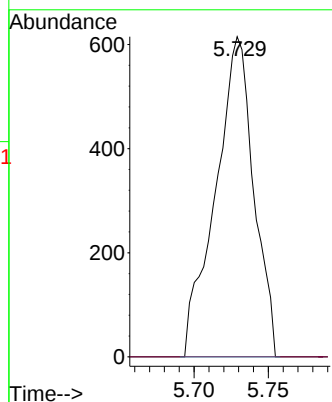
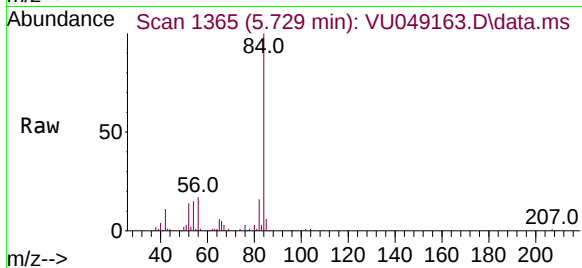
C0BC3

Tgt Ion: 62 Resp: 1105

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049163.D

Acq: 15 Jun 2022 12:25

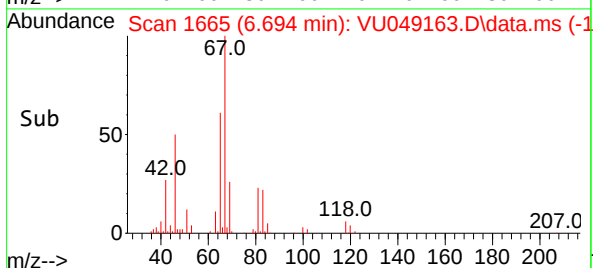
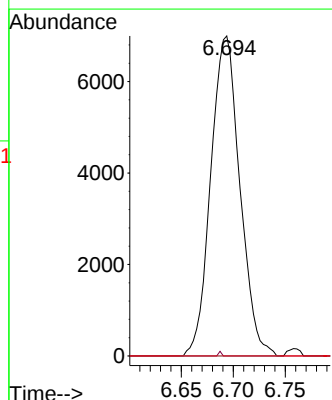
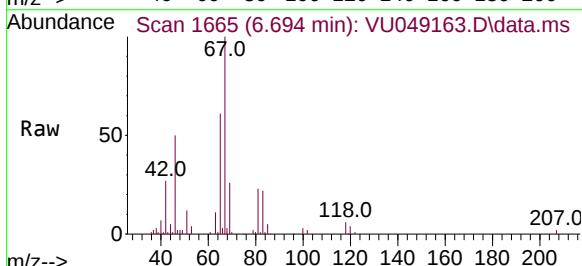
Tgt Ion: 83 Resp: 13649

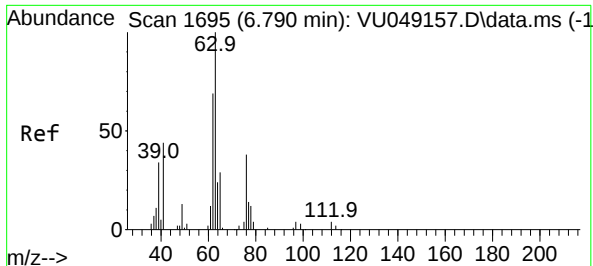
Ion Ratio Lower Upper

83 100

55 0.1 66.9 100.3#

98 0.4 35.5 53.3#

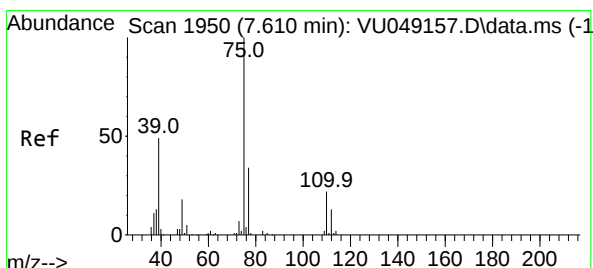
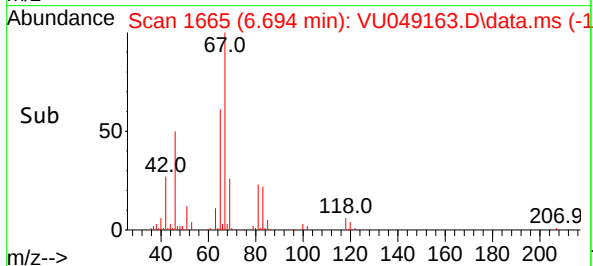
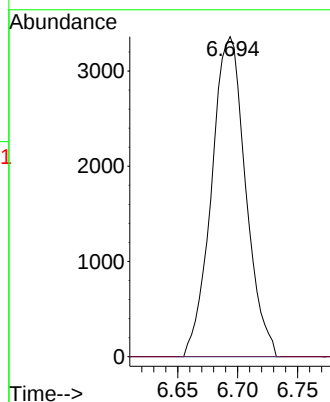
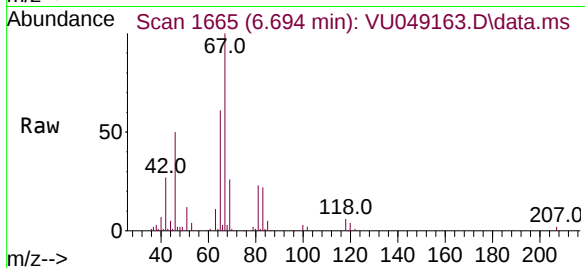




#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU049163.D
Acq: 15 Jun 2022 12:25

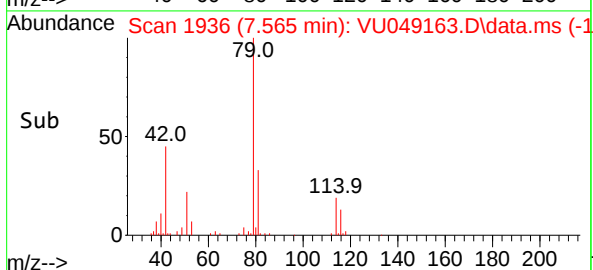
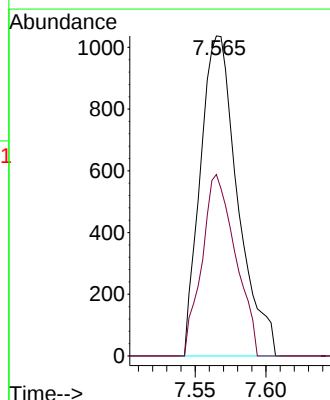
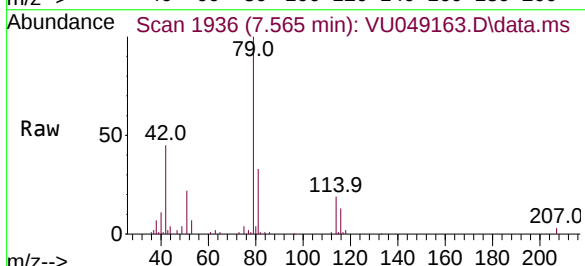
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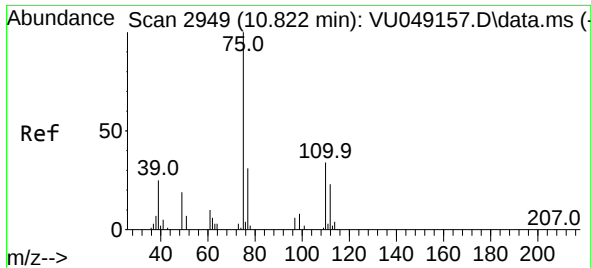
Tgt Ion: 63 Resp: 6637
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.126 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049163.D
Acq: 15 Jun 2022 12:25

Tgt Ion: 75 Resp: 1896
Ion Ratio Lower Upper
75 100
77 56.7 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 1.231 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU049163.D

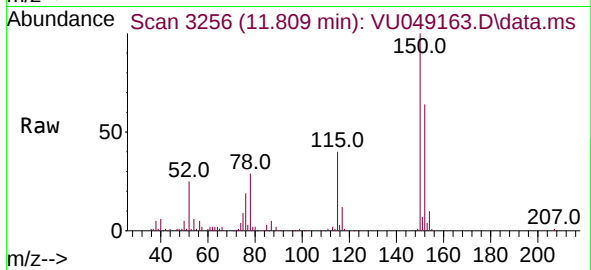
Acq: 15 Jun 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

C0BC3



Tgt Ion: 75 Resp: 8296

Ion Ratio Lower Upper

75 100

110 1.3 29.0 43.4#

77 33.1 26.2 39.2

