

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049348.D
 Acq On : 22 Jun 2022 13:48
 Operator : SY/MD
 Sample : N3392-02 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 02:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 23 02:04:00 2022
 Response via : Initial Calibration

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

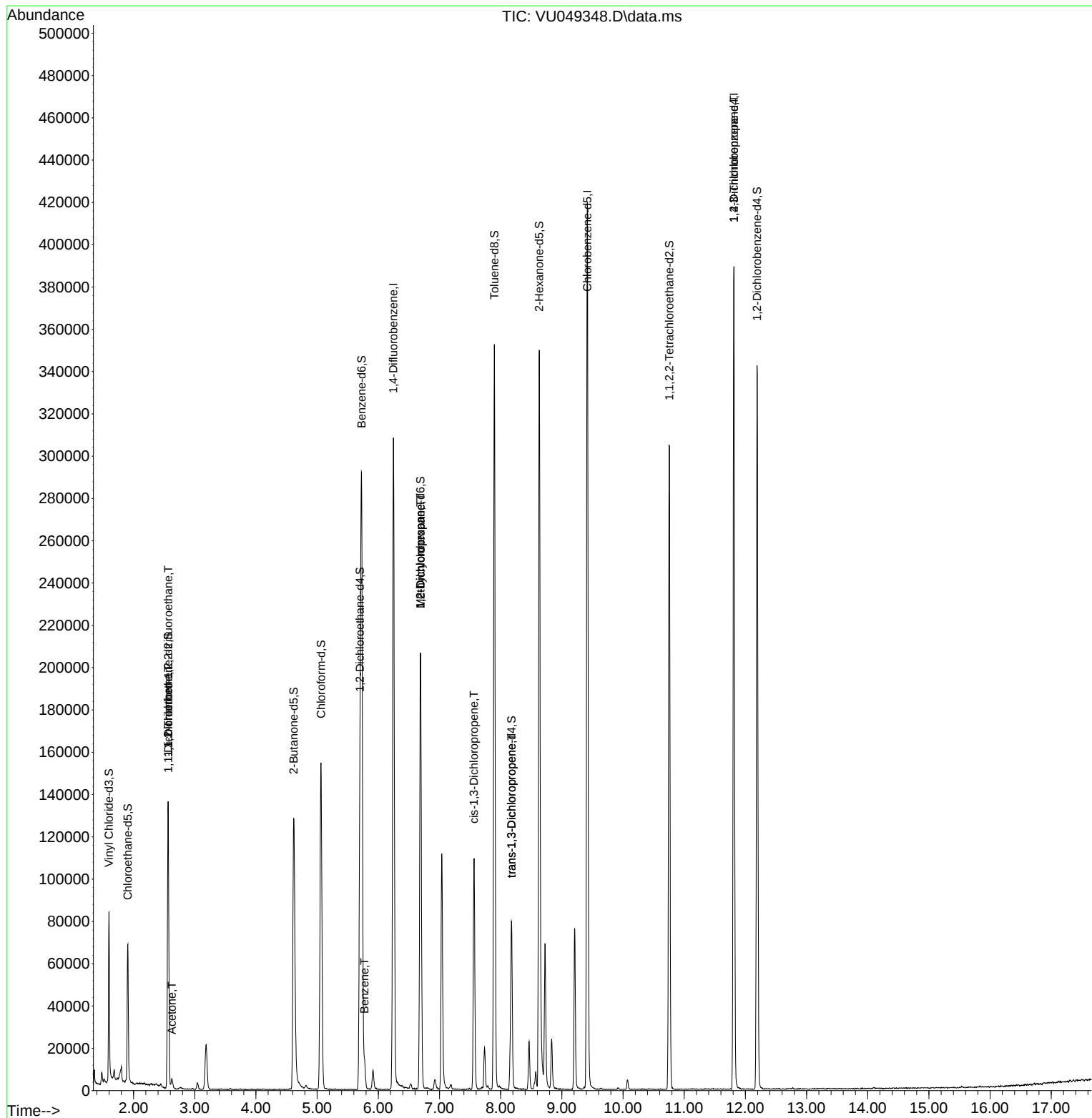
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	239254	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56586	38.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.780%
7) Chloroethane-d5	1.906	69	47327	43.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.460%
11) 1,1-Dichloroethene-d2	2.565	63	81656	29.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.720%#
21) 2-Butanone-d5	4.616	46	181783	112.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.490%
24) Chloroform-d	5.063	84	142204	45.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.460%
26) 1,2-Dichloroethane-d4	5.700	65	95658	46.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
32) Benzene-d6	5.726	84	259843	47.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.300%
36) 1,2-Dichloropropane-d6	6.690	67	99867	53.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.820%
41) Toluene-d8	7.896	98	224460	46.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	8.179	79	41850	48.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
47) 2-Hexanone-d5	8.629	63	115464	119.090	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.090%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	154317	49.875	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.740%
66) 1,2-Dichlorobenzene-d4	12.192	152	88156	50.373	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	600	0.356	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	622	0.422	ug/L #	1
13) Acetone	2.626	43	5743	4.516	ug/L	98
33) Benzene	5.774	78	10975	1.524	ug/L	100
35) Methylcyclohexane	6.690	83	22106	8.726	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10663	5.252	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2701	0.904	ug/L #	72
44) trans-1,3-Dichloropropene	8.179	75	2012	0.680	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	13144	5.152	ug/L #	67

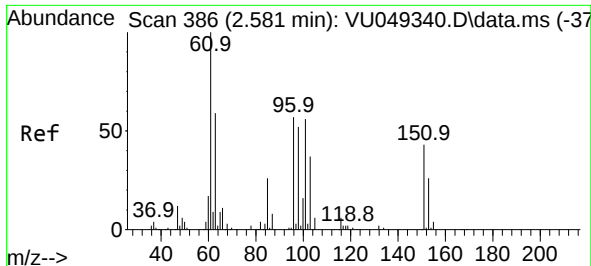
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 23 02:04:00 2022
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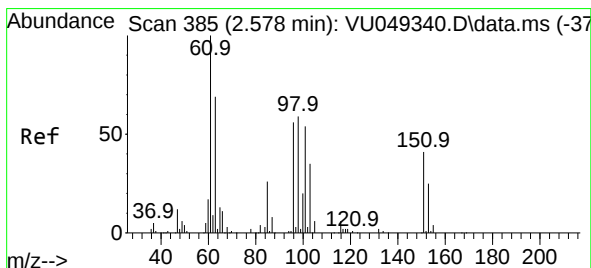
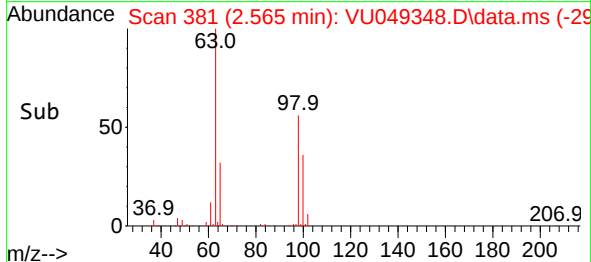
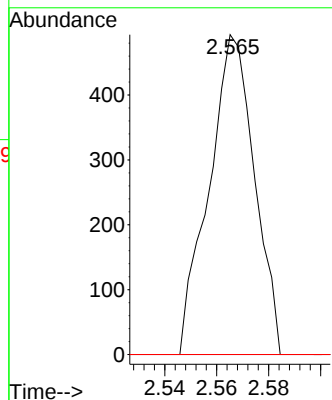
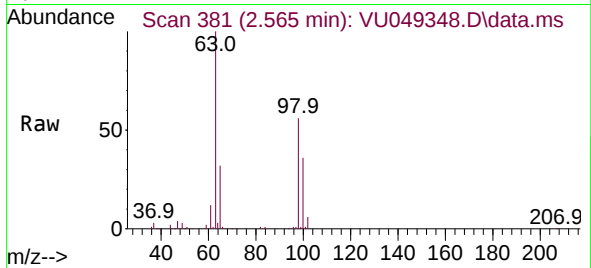




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.356 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049348.D
 Acq: 22 Jun 2022 13:48

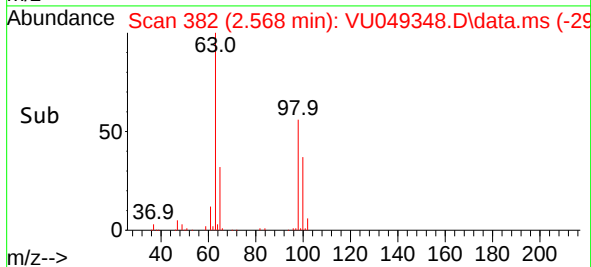
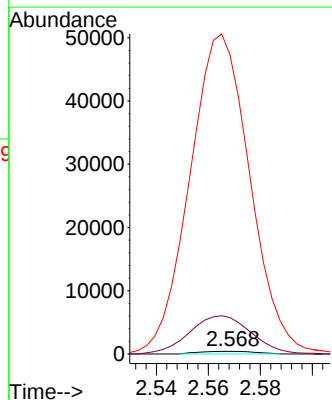
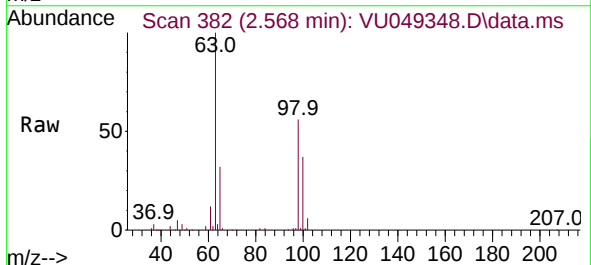
Instrument :
 MSVOA_U
 ClientSampleId :

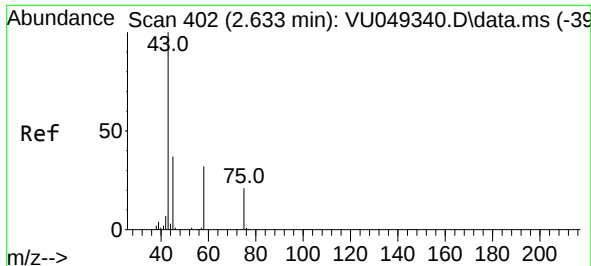
Tgt Ion:101 Resp: 600
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.422 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049348.D
 Acq: 22 Jun 2022 13:48

Tgt Ion: 96 Resp: 622
 Ion Ratio Lower Upper
 96 100
 61 1414.5 123.5 229.3#
 63 11637.4 86.0 159.8#





#13

Acetone

Concen: 4.516 ug/L

RT: 2.626 min Scan# 402

Delta R.T. -0.006 min

Lab File: VU049348.D

Acq: 22 Jun 2022 13:48

Instrument :

MSVOA_U

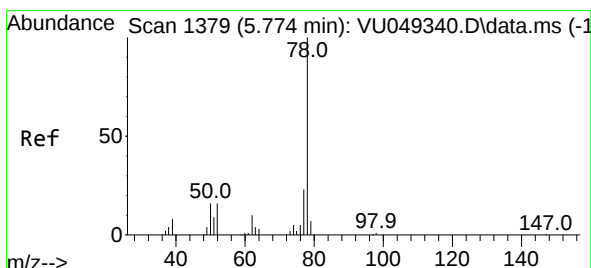
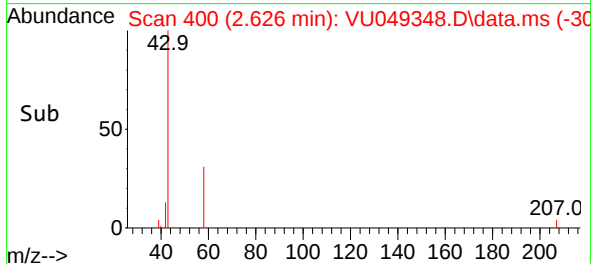
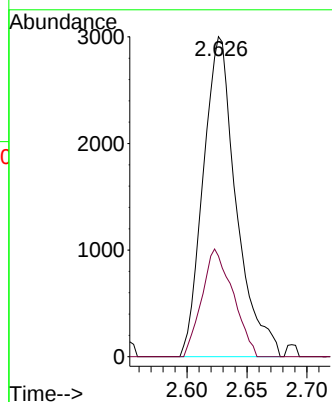
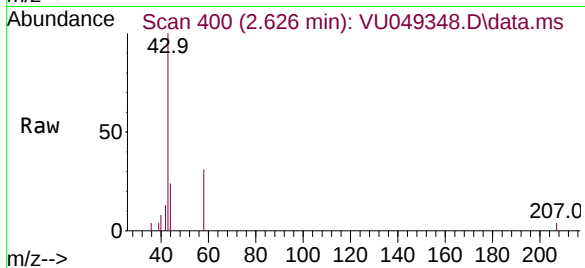
ClientSampleId :

Tgt Ion: 43 Resp: 5743

Ion Ratio Lower Upper

43 100

58 31.8 0.0 66.4



#33

Benzene

Concen: 1.524 ug/L

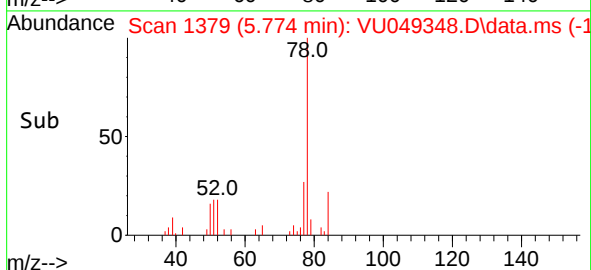
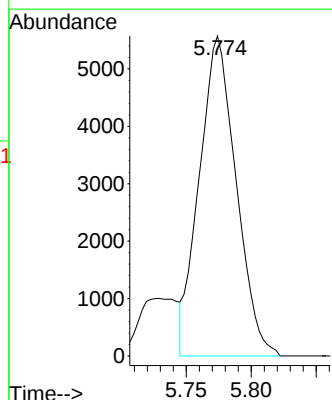
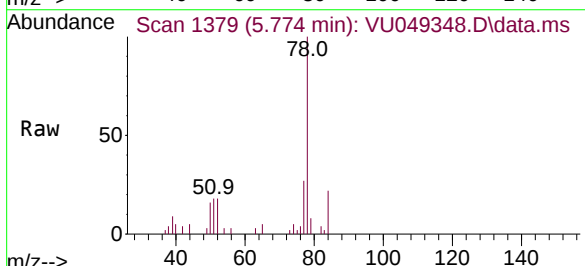
RT: 5.774 min Scan# 1379

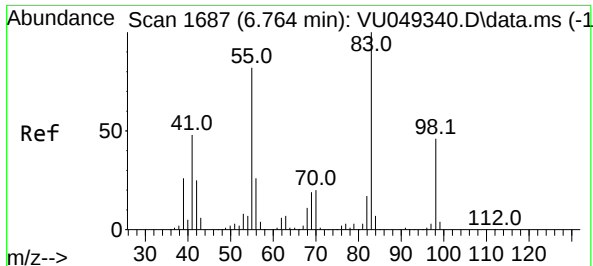
Delta R.T. 0.000 min

Lab File: VU049348.D

Acq: 22 Jun 2022 13:48

Tgt Ion: 78 Resp: 10975

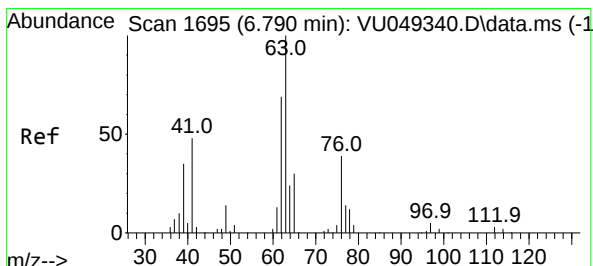
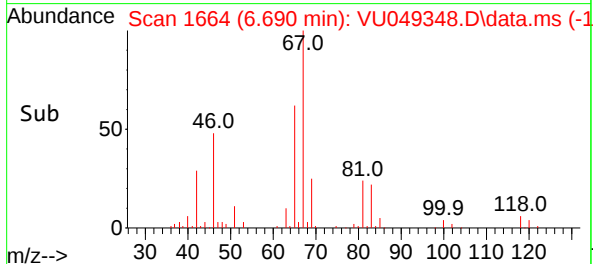
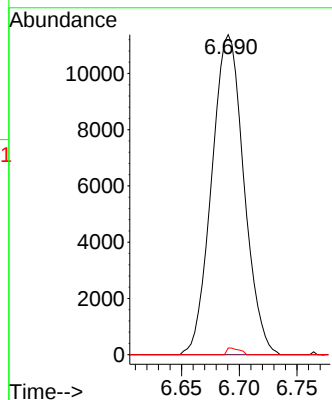
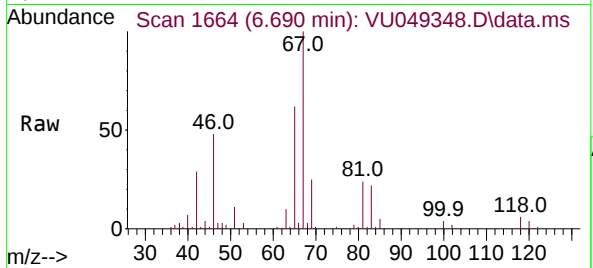




#35
Methylcyclohexane
Concen: 8.726 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049348.D
Acq: 22 Jun 2022 13:48

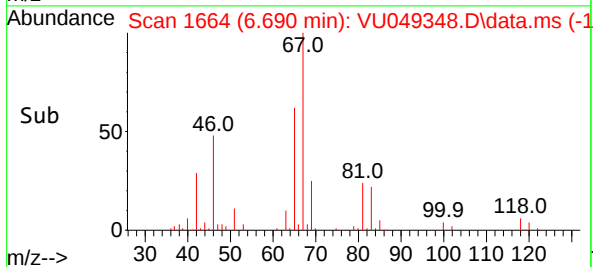
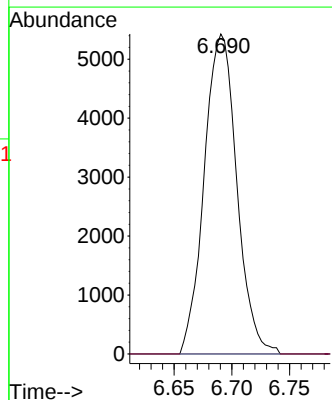
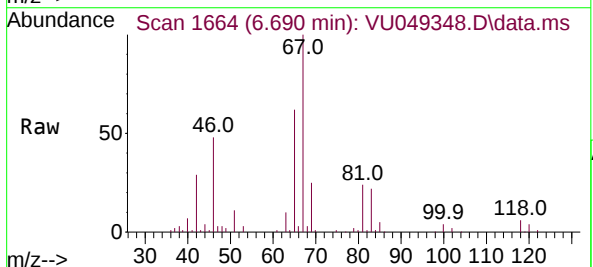
Instrument :
MSVOA_U
ClientSampleId :

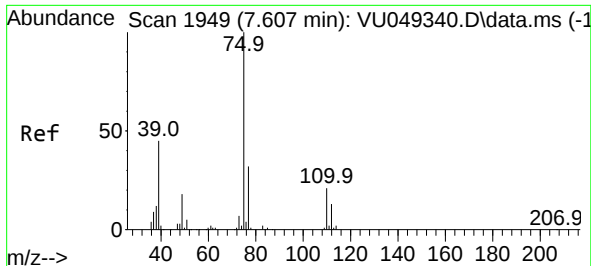
Tgt Ion: 83 Resp: 22106
Ion Ratio Lower Upper
83 100
55 0.9 61.0 91.6#
98 0.8 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 5.252 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049348.D
Acq: 22 Jun 2022 13:48

Tgt Ion: 63 Resp: 10663
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049348.D

Acq: 22 Jun 2022 13:48

Instrument :

MSVOA_U

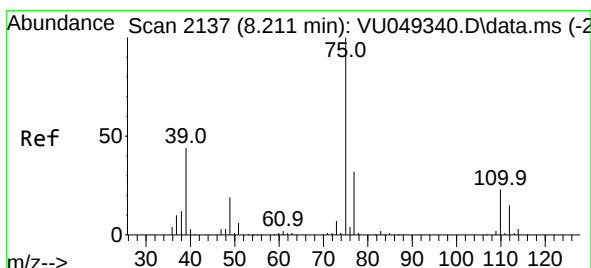
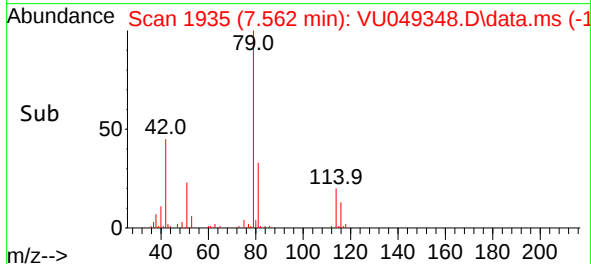
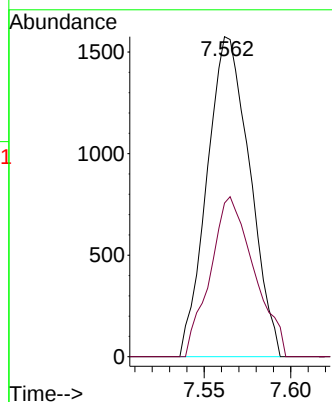
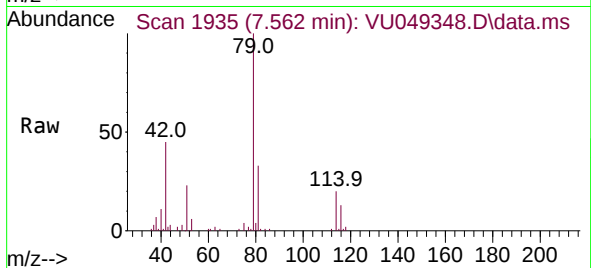
ClientSampleId :

Tgt Ion: 75 Resp: 2701

Ion Ratio Lower Upper

75 100

77 48.0 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049348.D

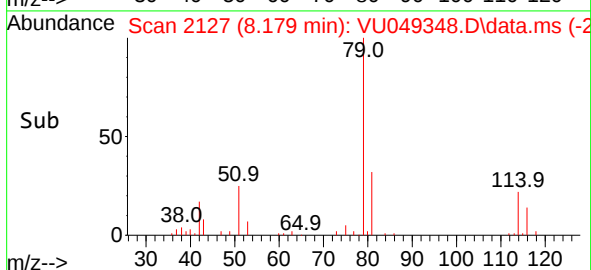
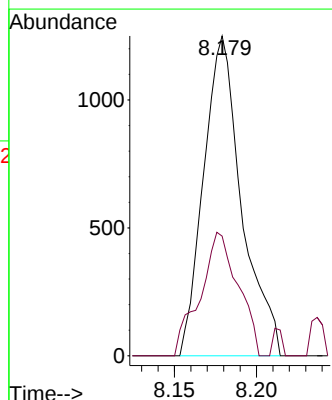
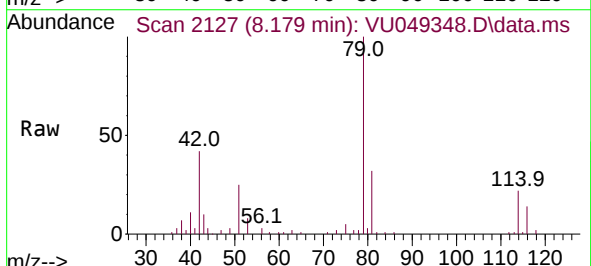
Acq: 22 Jun 2022 13:48

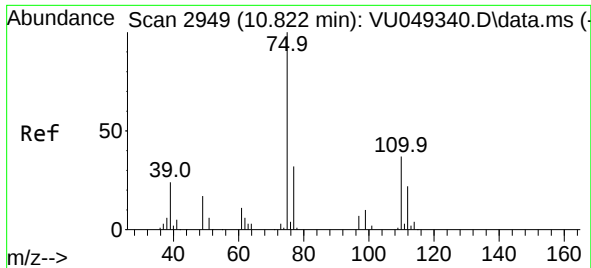
Tgt Ion: 75 Resp: 2012

Ion Ratio Lower Upper

75 100

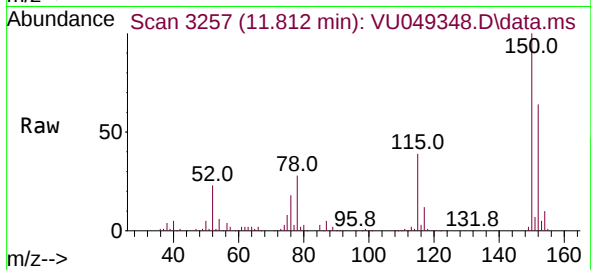
77 37.4 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 5.152 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049348.D
 Acq: 22 Jun 2022 13:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.6	40.0
110	1.1	30.2	45.4

