

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049341.D
 Acq On : 22 Jun 2022 11:05
 Operator : SY/MD
 Sample : VU0622WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 02:04:31 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)

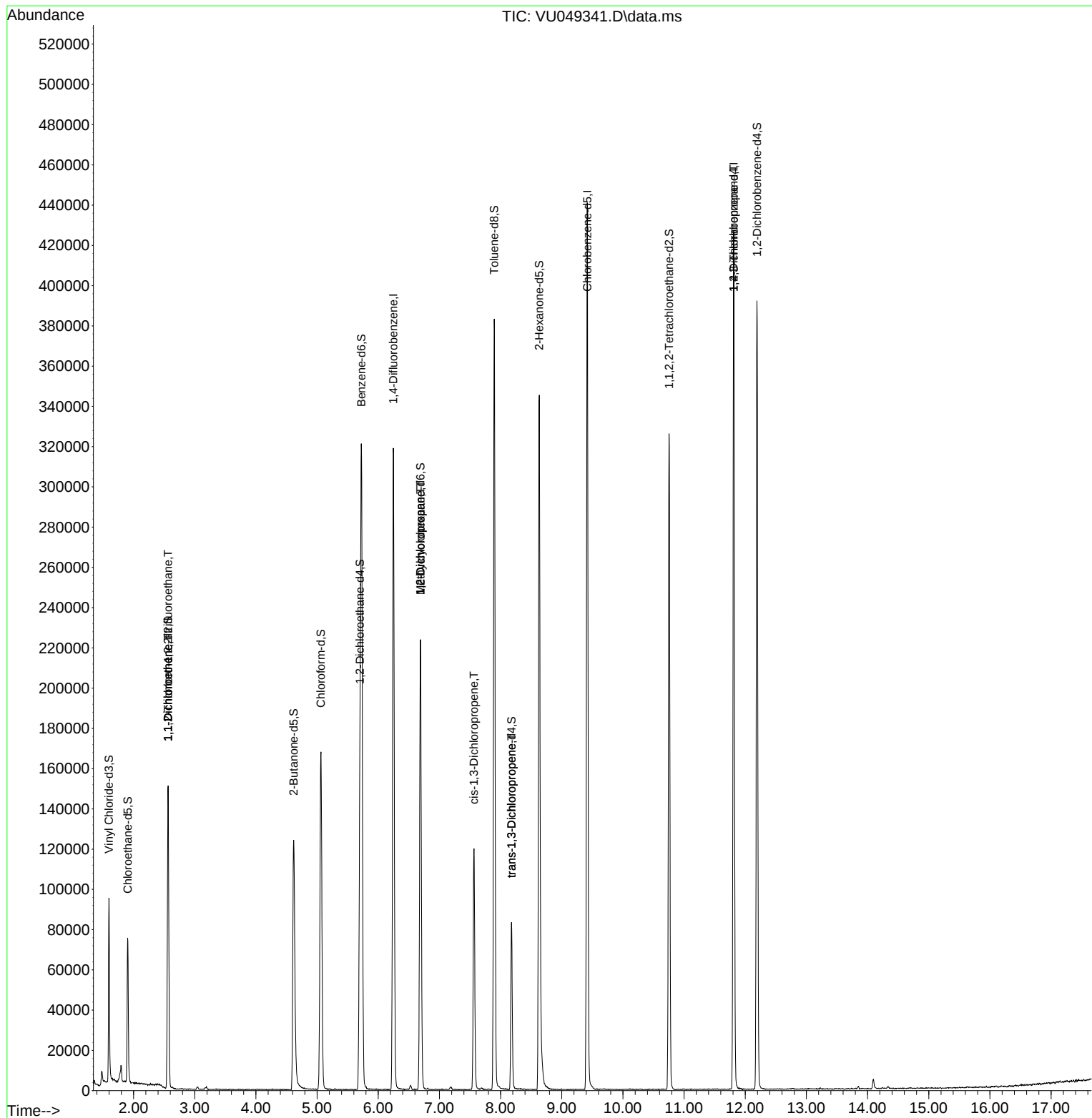
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250748	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	232464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63910	41.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.740%
7) Chloroethane-d5	1.903	69	51847	45.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.420%
11) 1,1-Dichloroethene-d2	2.565	63	92966	31.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.780%
21) 2-Butanone-d5	4.616	46	188339	111.205	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.200%
24) Chloroform-d	5.063	84	153798	46.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
26) 1,2-Dichloroethane-d4	5.700	65	102354	47.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
32) Benzene-d6	5.726	84	289410	50.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
36) 1,2-Dichloropropane-d6	6.690	67	107402	55.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.840%
41) Toluene-d8	7.896	98	251704	49.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
43) trans-1,3-Dichloroprop...	8.179	79	46555	51.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.140%
47) 2-Hexanone-d5	8.632	63	117182	115.541	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	165913	51.262	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.520%
66) 1,2-Dichlorobenzene-d4	12.192	152	99126	52.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.260%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	863	0.489	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	666	0.431	ug/L #	1
35) Methylcyclohexane	6.690	83	23605	8.908	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11824	5.568	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3192	1.021	ug/L	93
44) trans-1,3-Dichloropropene	8.179	75	2058	0.665	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	13996	5.049	ug/L #	69

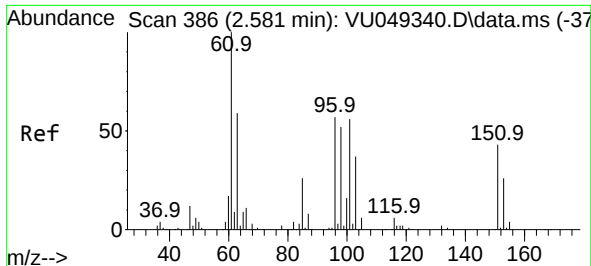
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 23 02:04:31 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

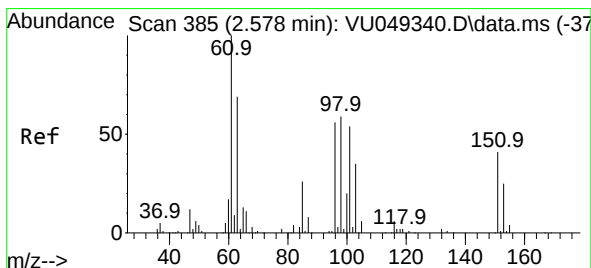
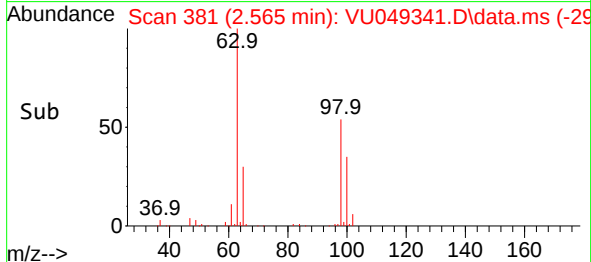
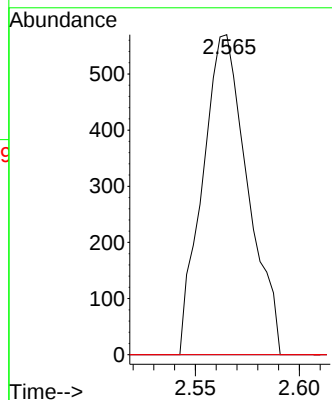
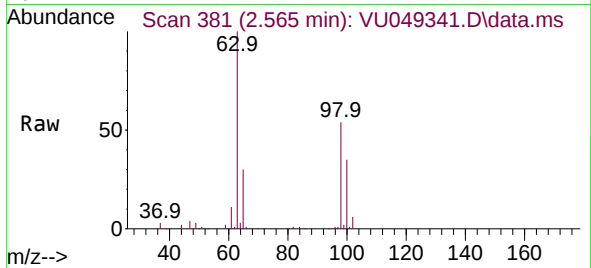




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.489 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049341.D
 Acq: 22 Jun 2022 11:05

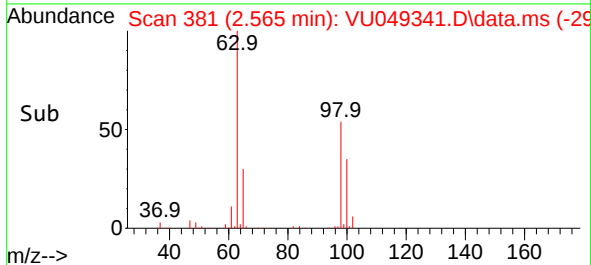
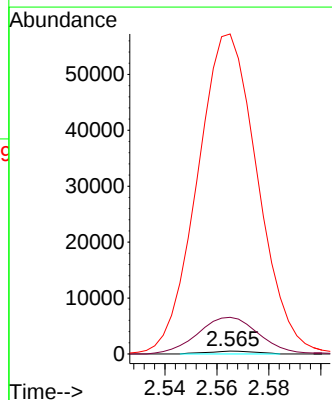
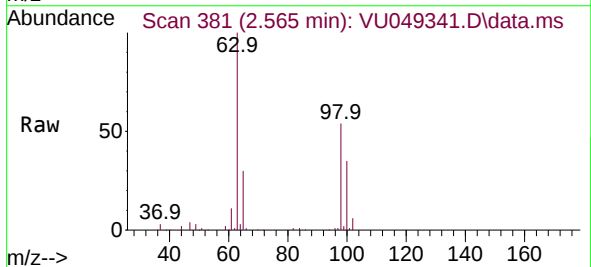
Instrument :
 MSVOA_U
 ClientSampleId :

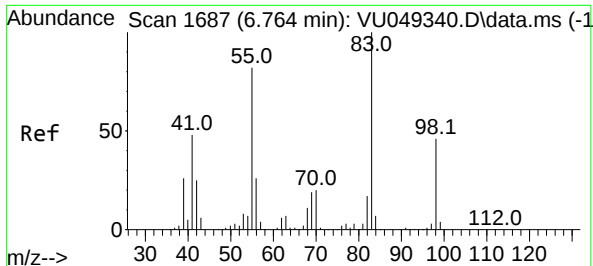
Tgt Ion:101 Resp: 863
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.431 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049341.D
 Acq: 22 Jun 2022 11:05

Tgt Ion: 96 Resp: 666
 Ion Ratio Lower Upper
 96 100
 61 1278.9 123.5 229.3#
 63 11156.3 86.0 159.8#

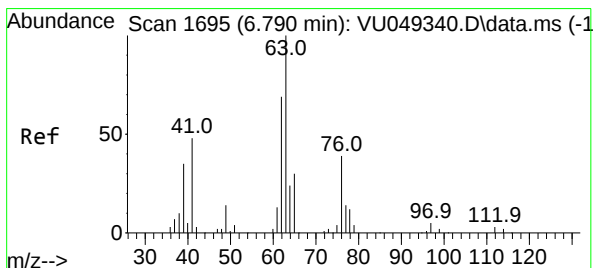
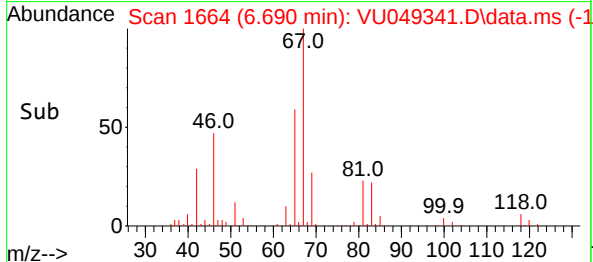
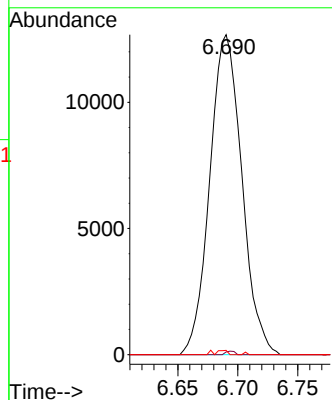
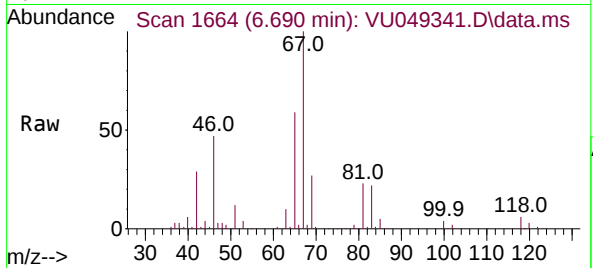




#35
Methylcyclohexane
Concen: 8.908 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049341.D
Acq: 22 Jun 2022 11:05

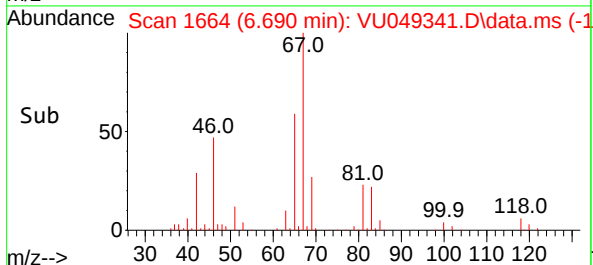
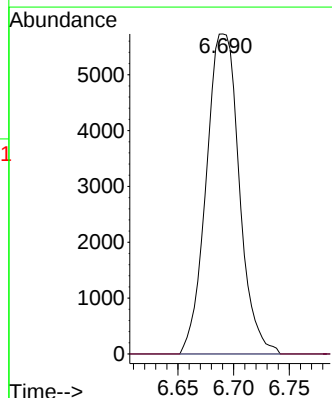
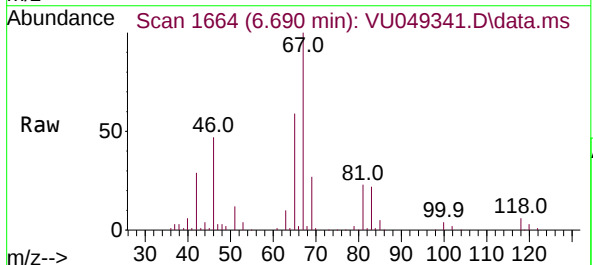
Instrument :
MSVOA_U
ClientSampleId :

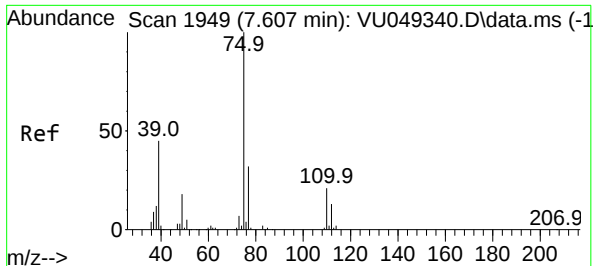
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.0	91.6#
98	0.4	36.8	55.2#



#37
1,2-Dichloropropane
Concen: 5.568 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049341.D
Acq: 22 Jun 2022 11:05

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





#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049341.D

Acq: 22 Jun 2022 11:05

Instrument :

MSVOA_U

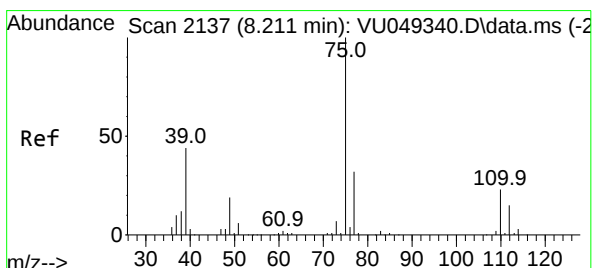
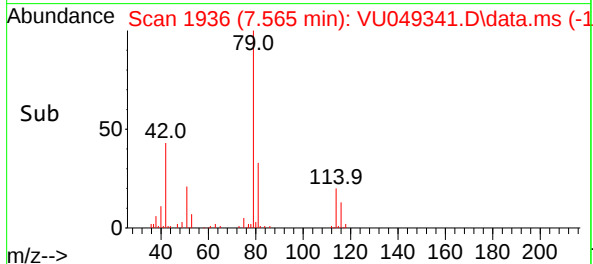
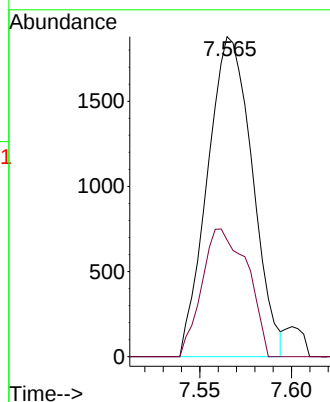
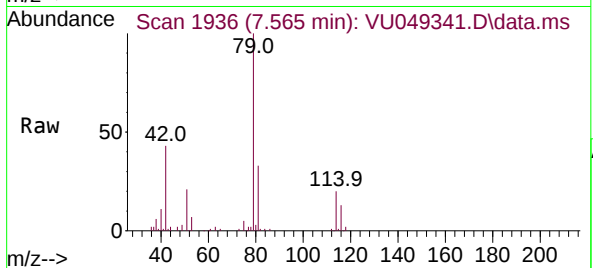
ClientSampleId :

Tgt Ion: 75 Resp: 3192

Ion Ratio Lower Upper

75 100

77 36.5 22.6 42.0



#44

trans-1,3-Dichloropropene

Concen: 0.665 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049341.D

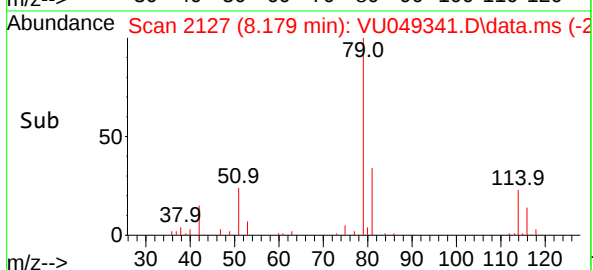
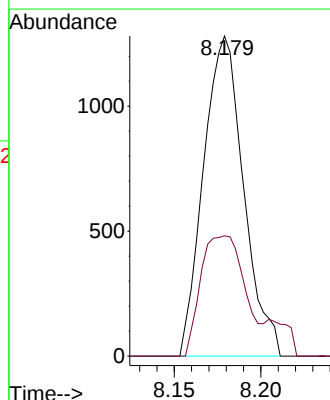
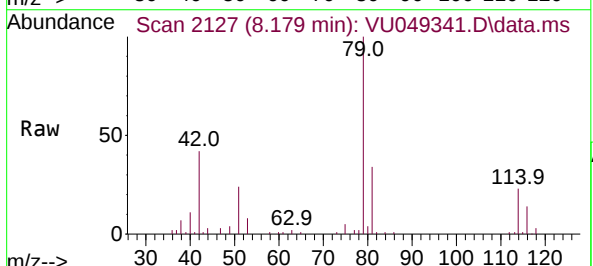
Acq: 22 Jun 2022 11:05

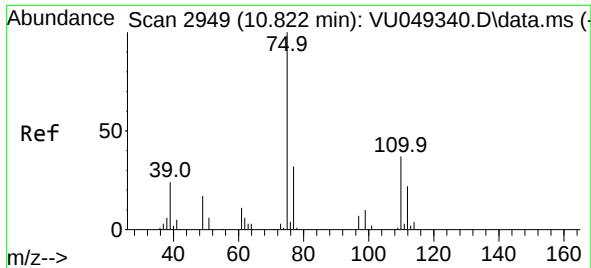
Tgt Ion: 75 Resp: 2058

Ion Ratio Lower Upper

75 100

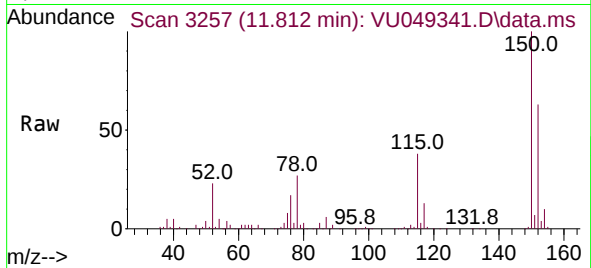
77 37.5 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 5.049 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049341.D
 Acq: 22 Jun 2022 11:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	13996
Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.6	40.0
110	2.6	30.2	45.4#

