

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071322\
 Data File : VU049703.D
 Acq On : 13 Jul 2022 14:04
 Operator : SY/MD
 Sample : N3700-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D23

Quant Time: Jul 14 05:09:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 14 05:07:30 2022
 Response via : Initial Calibration

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

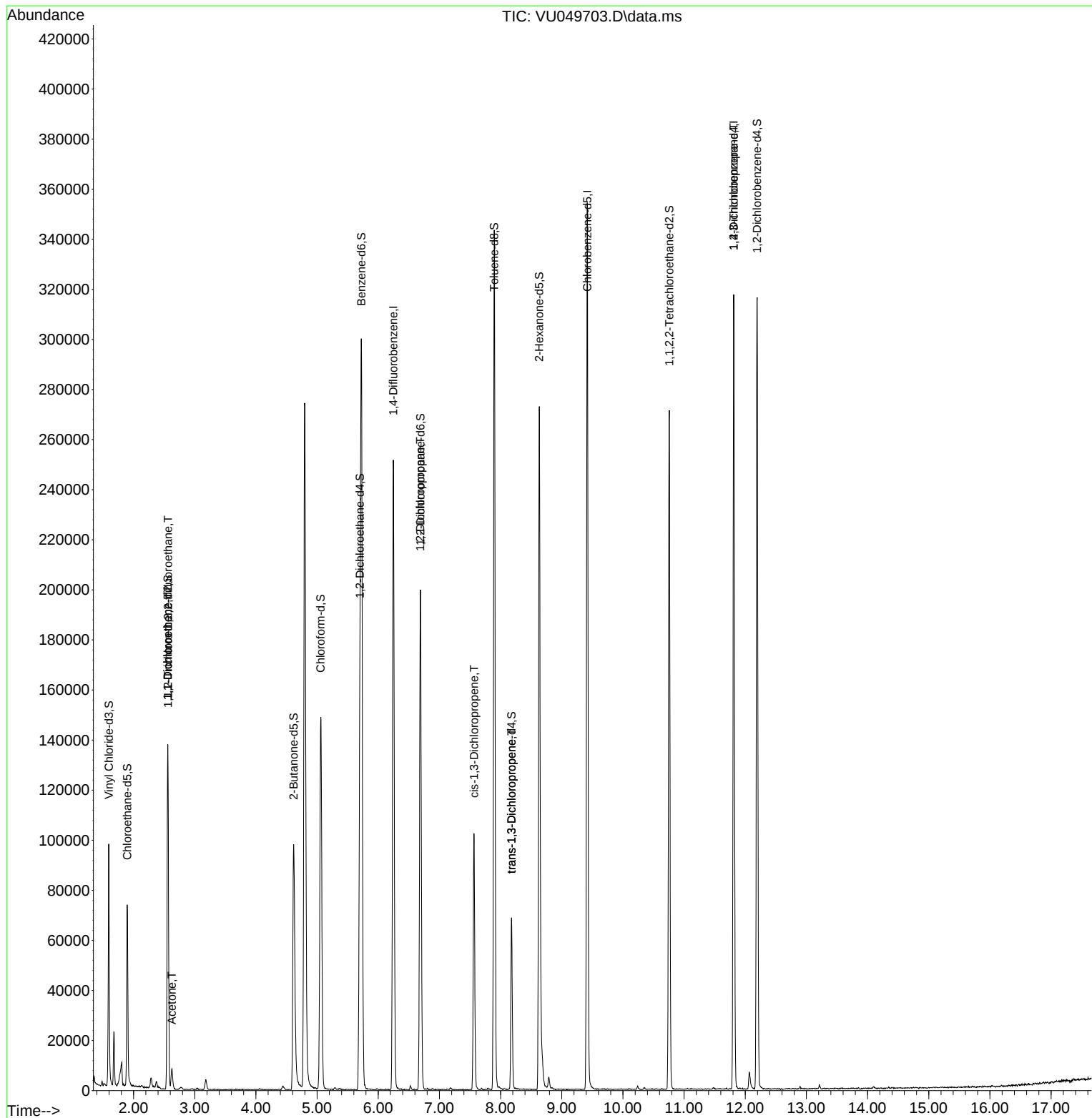
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189342	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78423	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66568	41.668	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.340%
7) Chloroethane-d5	1.896	69	52881	45.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.580%
11) 1,1-Dichloroethene-d2	2.559	63	86031	30.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.980%
21) 2-Butanone-d5	4.616	46	145560	106.732	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.730%
24) Chloroform-d	5.060	84	138841	49.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
26) 1,2-Dichloroethane-d4	5.700	65	98419	51.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.780%
32) Benzene-d6	5.726	84	260991	47.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
36) 1,2-Dichloropropane-d6	6.690	67	93528	50.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.540%
41) Toluene-d8	7.896	98	217973	45.254	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
43) trans-1,3-Dichloroprop...	8.179	79	36285	46.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.580%
47) 2-Hexanone-d5	8.632	63	84308	100.744	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	132393	50.860	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	79438	53.724	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.440%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	664	0.455	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	611	0.451	ug/L #	1
13) Acetone	2.626	43	8207	6.332	ug/L	98
37) 1,2-Dichloropropane	6.687	63	10445	5.507	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2778	1.086	ug/L #	75
44) trans-1,3-Dichloropropene	8.179	75	1771	0.737	ug/L	94
60) 1,2,3-Trichloropropane	11.812	75	10913	5.224	ug/L #	68

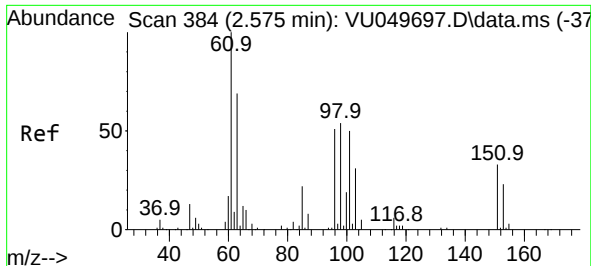
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 14 05:07:30 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.455 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU049703.D

Acq: 13 Jul 2022 14:04

Instrument :

MSVOA_U

ClientSampleId :

F5D23

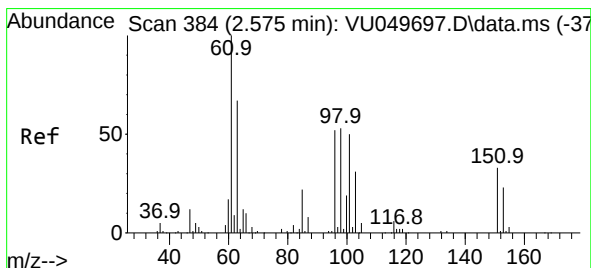
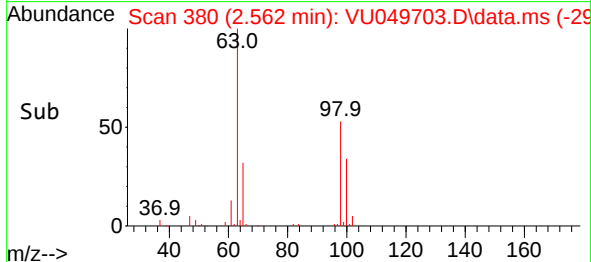
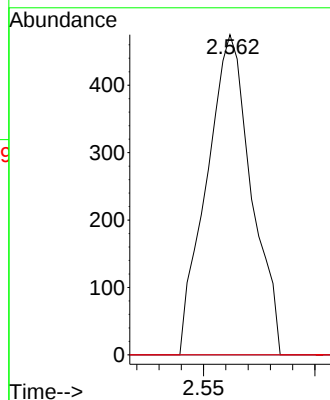
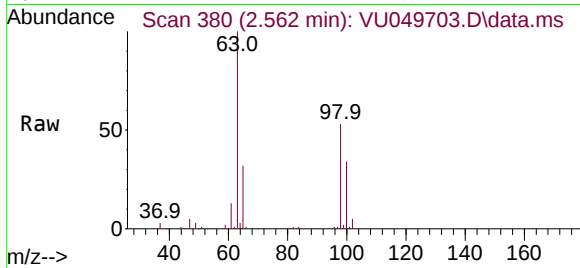
Tgt Ion:101 Resp: 664

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

151 0.0 56.9 85.3#



#12

1,1-Dichloroethene

Concen: 0.451 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.016 min

Lab File: VU049703.D

Acq: 13 Jul 2022 14:04

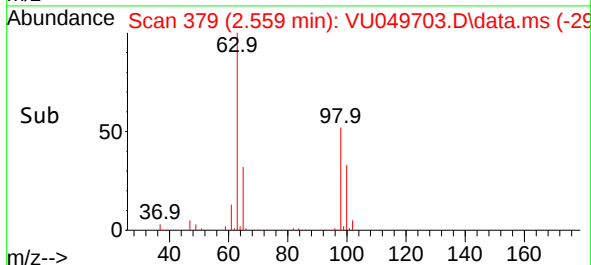
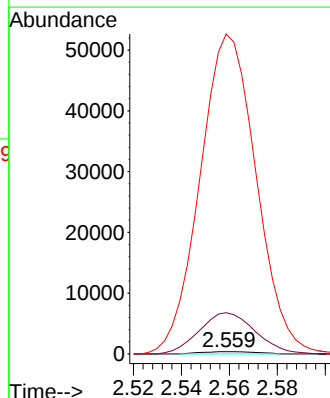
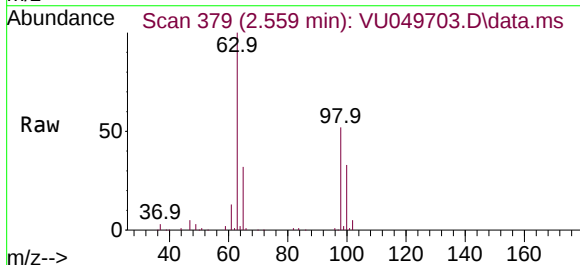
Tgt Ion: 96 Resp: 611

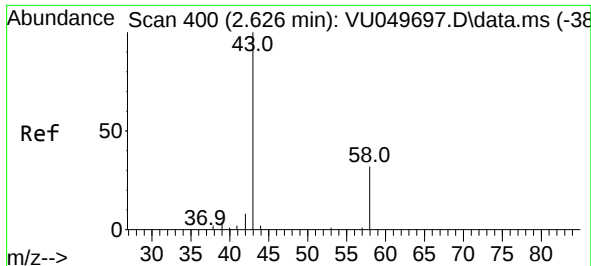
Ion Ratio Lower Upper

96 100

61 1792.6 129.6 240.6#

63 13891.3 79.0 146.6#





#13

Acetone

Concen: 6.332 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU049703.D

Acq: 13 Jul 2022 14:04

Instrument :

MSVOA_U

ClientSampleId :

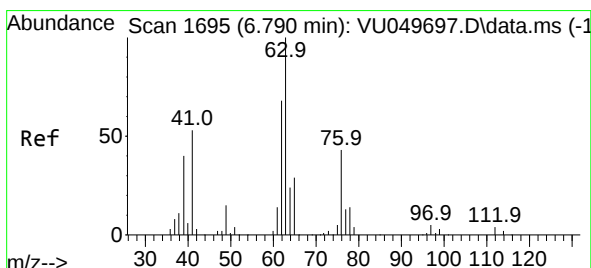
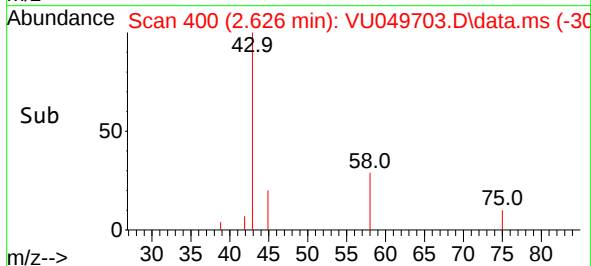
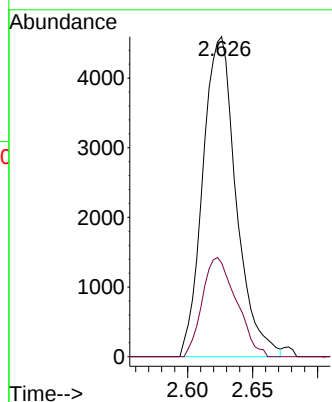
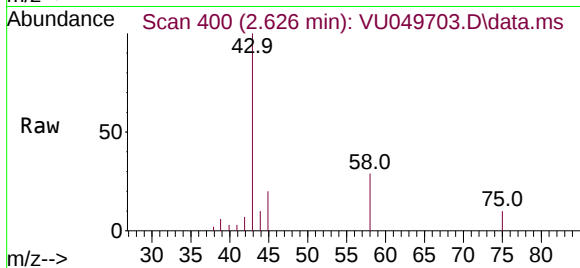
F5D23

Tgt Ion: 43 Resp: 8207

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.4



#37

1,2-Dichloropropane

Concen: 5.507 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU049703.D

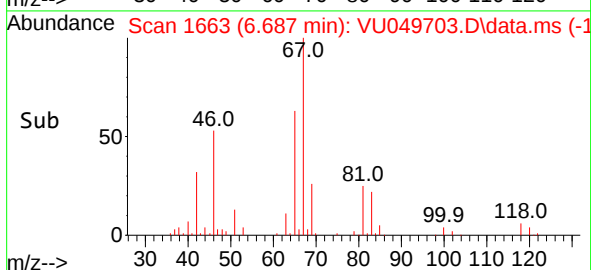
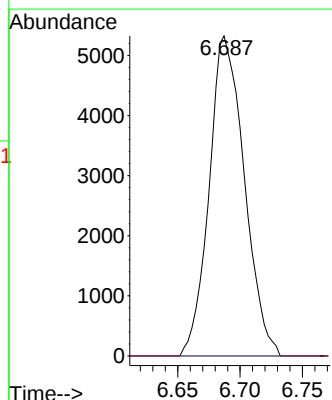
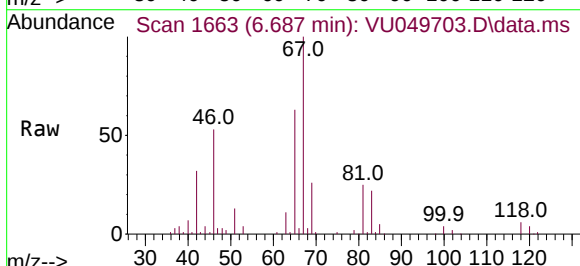
Acq: 13 Jul 2022 14:04

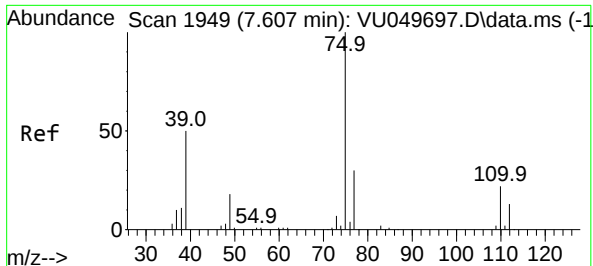
Tgt Ion: 63 Resp: 10445

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.086 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049703.D

Acq: 13 Jul 2022 14:04

Instrument :

MSVOA_U

ClientSampleId :

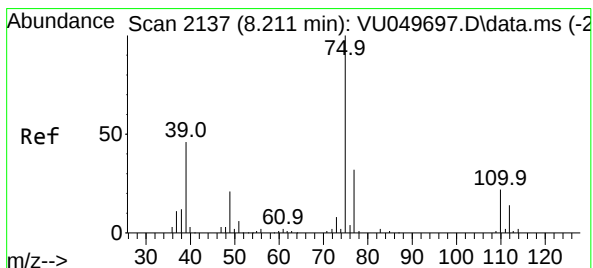
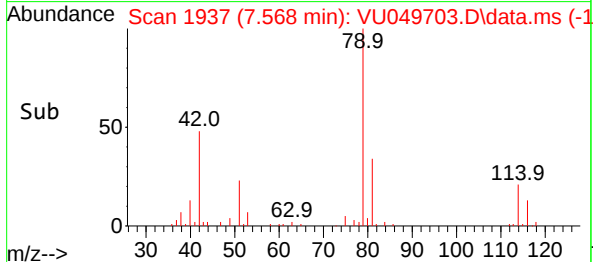
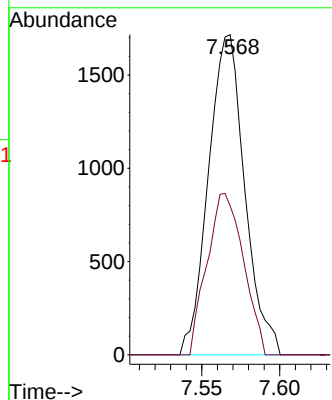
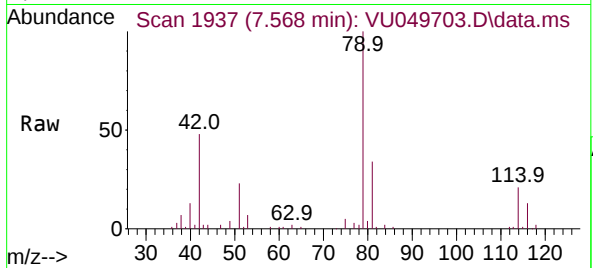
F5D23

Tgt Ion: 75 Resp: 2778

Ion Ratio Lower Upper

75 100

77 46.5 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.737 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049703.D

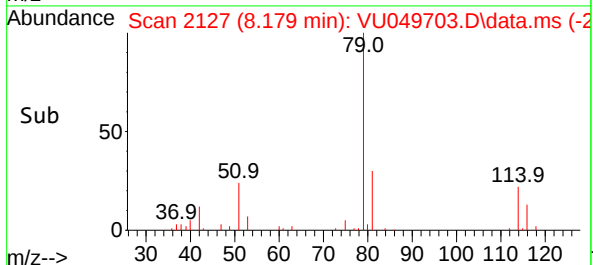
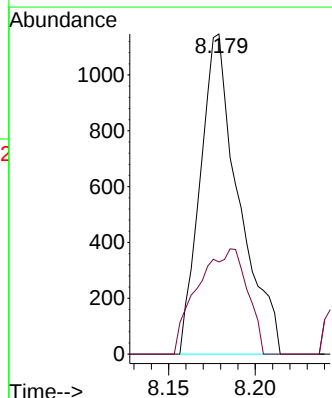
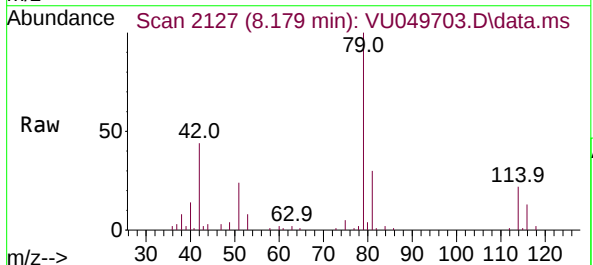
Acq: 13 Jul 2022 14:04

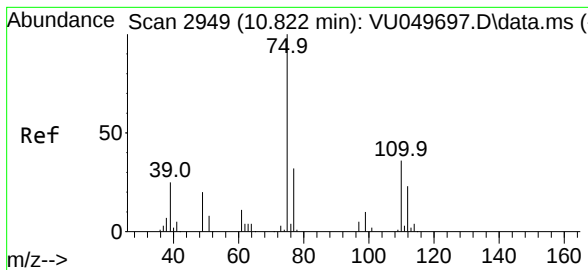
Tgt Ion: 75 Resp: 1771

Ion Ratio Lower Upper

75 100

77 28.8 22.5 41.9





#60
 1,2,3-Trichloropropane
 Concen: 5.224 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049703.D
 Acq: 13 Jul 2022 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	75	Resp:	10913
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.5	38.3
110	2.0	28.9	43.3#

