

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046479.D
 Acq On : 17 Dec 2021 17:56
 Operator : SY/MD
 Sample : M5102-02ME
 Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:30:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

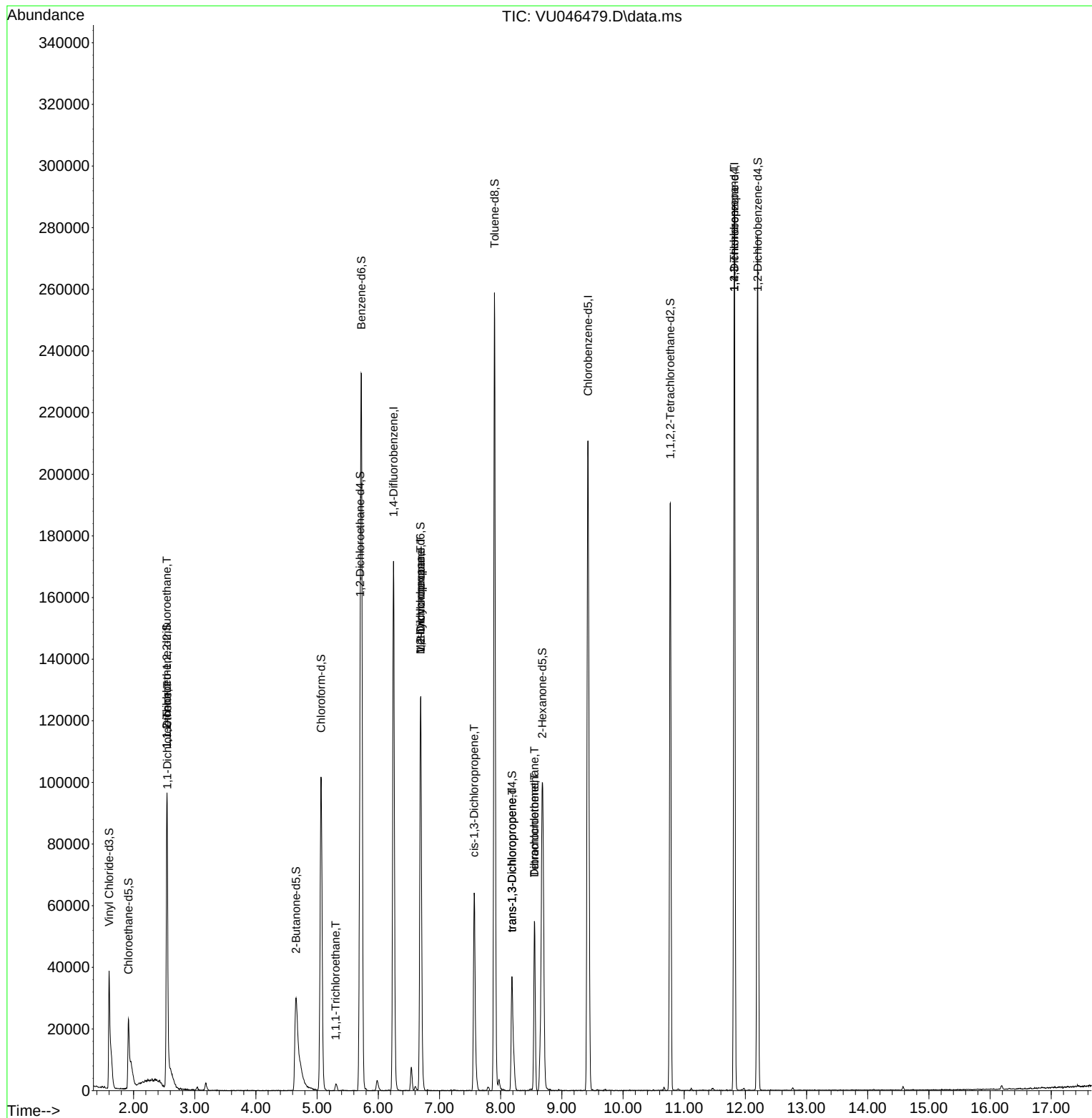
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	146992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	153058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	75022	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51191	42.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.560%
7) Chloroethane-d5	1.916	69	25187	27.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.180%#
11) 1,1-Dichloroethene-d2	2.546	63	66121	30.419	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.840%
21) 2-Butanone-d5	4.655	46	82541	85.751	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.750%
24) Chloroform-d	5.063	84	102113	50.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.703	65	71045	52.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.700%
32) Benzene-d6	5.723	84	202551	46.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
36) 1,2-Dichloropropane-d6	6.690	67	63047	46.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.740%
41) Toluene-d8	7.899	98	177848	44.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
43) trans-1,3-Dichloroprop...	8.185	79	30570	46.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
47) 2-Hexanone-d5	8.681	63	64193	99.582	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	95274	46.208	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.420%
66) 1,2-Dichlorobenzene-d4	12.201	152	69911	48.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.780%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	478	0.447	ug/L #	21
12) 1,1-Dichloroethene	2.552	96	776	0.764	ug/L #	1
30) 1,1,1-Trichloroethane	5.301	97	797	0.424	ug/L #	1
35) Methylcyclohexane	6.690	83	16062	8.488	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7304	6.019	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1953	1.058	ug/L #	64
44) trans-1,3-Dichloropropene	8.185	75	1251	0.690	ug/L	88
46) Tetrachloroethene	8.552	164	12178	13.579	ug/L	94
49) Dibromochloromethane	8.552	129	12013	9.396	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	8936	5.434	ug/L #	64

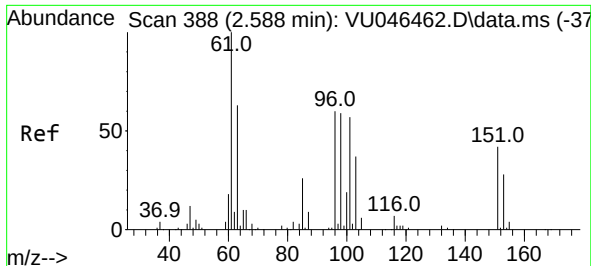
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 17 03:50:47 2021
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#10

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

Concen: 0.447 ug/L

RT: 2.546 min Scan# 31

Delta R.T. -0.042 min

Lab File: VU046479.D

Acq: 17 Dec 2021 17:56

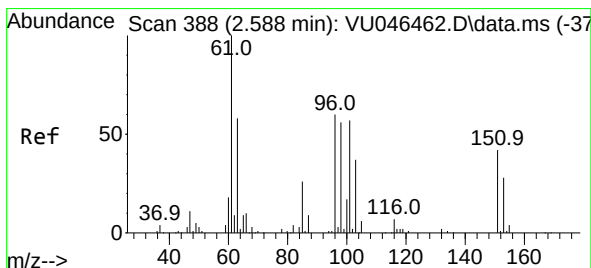
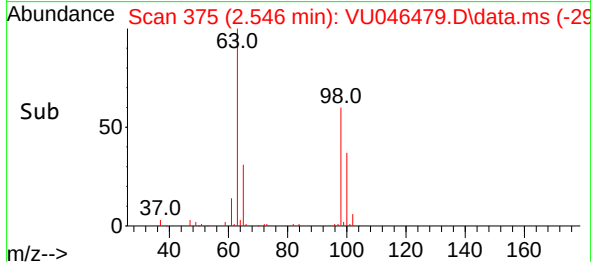
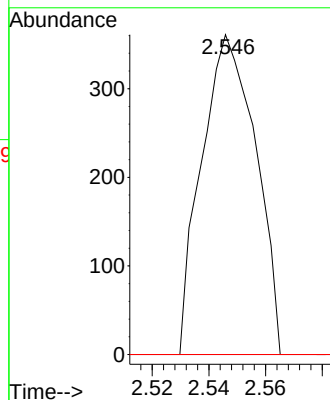
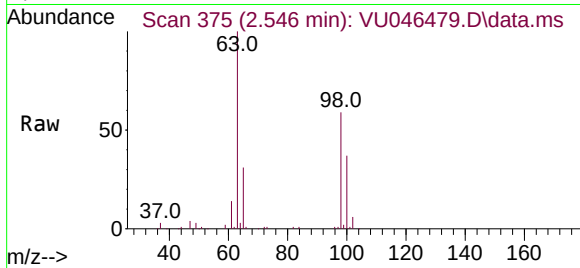
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 478

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.764 ug/L

RT: 2.552 min Scan# 377

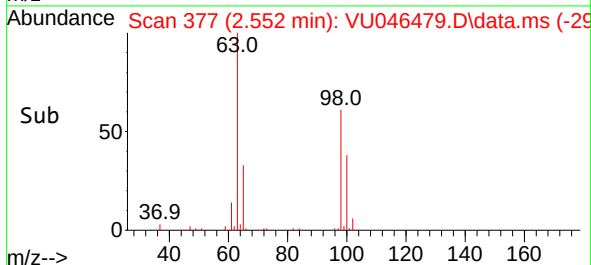
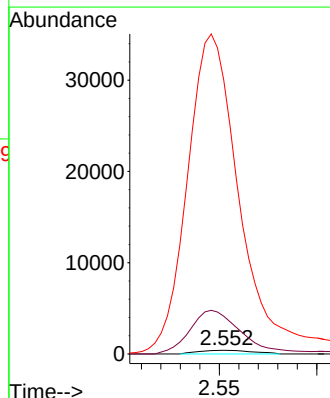
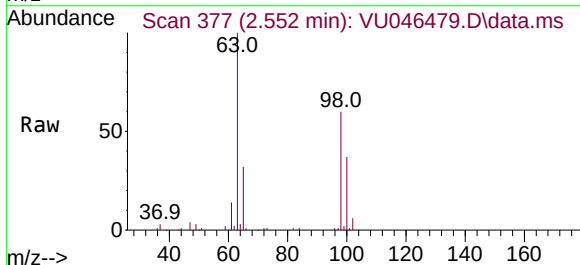
Delta R.T. -0.032 min

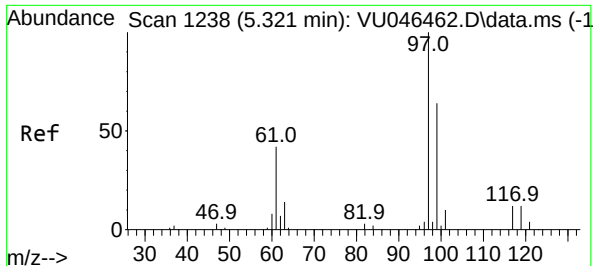
Lab File: VU046479.D

Acq: 17 Dec 2021 17:56

Tgt Ion: 96 Resp: 776

Ion	Ratio	Lower	Upper
96	100		
61	1022.5	118.6	220.2#
63	7433.7	93.0	172.8#





#30

1,1,1-Trichloroethane

Concen: 0.424 ug/L

RT: 5.301 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU046479.D

Acq: 17 Dec 2021 17:56

Instrument :

MSVOA_U

ClientSampleId :

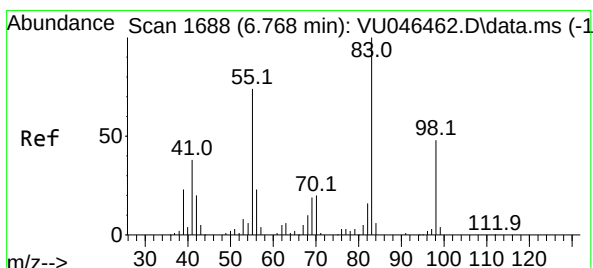
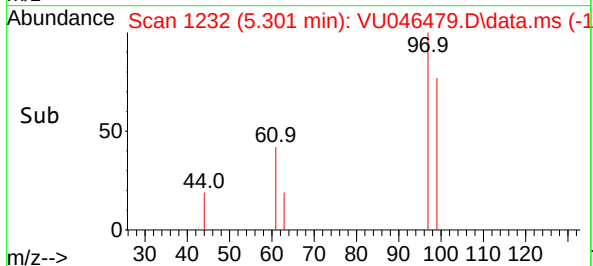
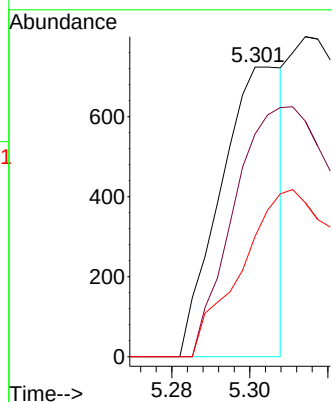
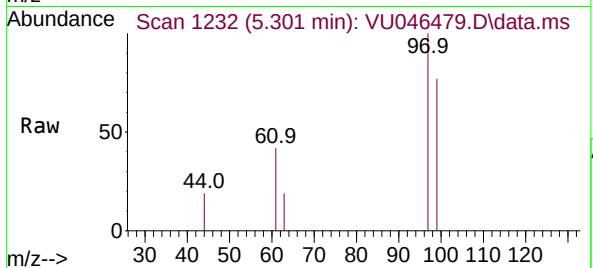
Tgt Ion: 97 Resp: 797

Ion Ratio Lower Upper

97 100

99 168.3 51.8 77.6#

61 98.6 34.4 51.6#



#35

Methylcyclohexane

Concen: 8.488 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046479.D

Acq: 17 Dec 2021 17:56

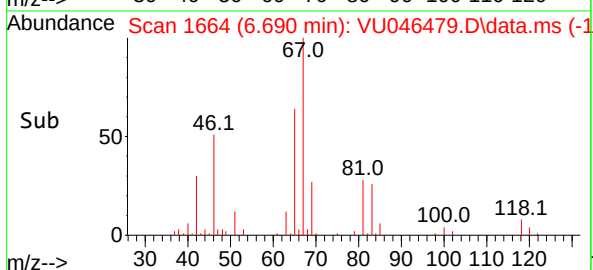
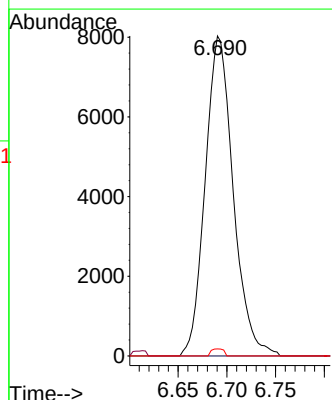
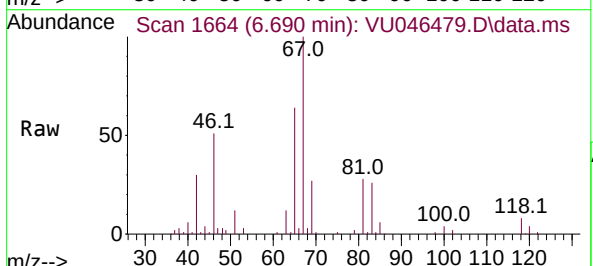
Tgt Ion: 83 Resp: 16062

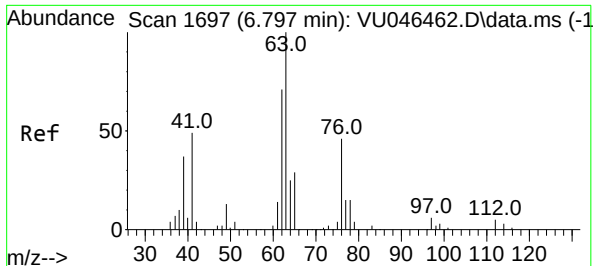
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 1.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.019 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046479.D

Acq: 17 Dec 2021 17:56

Instrument :

MSVOA_U

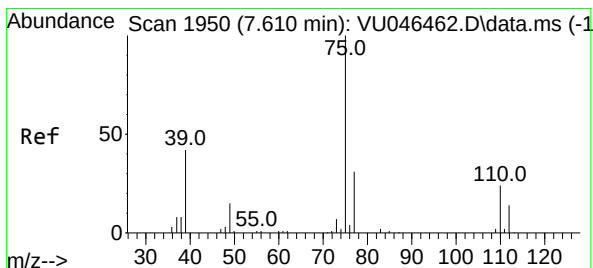
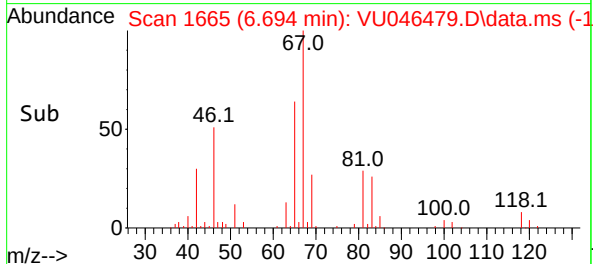
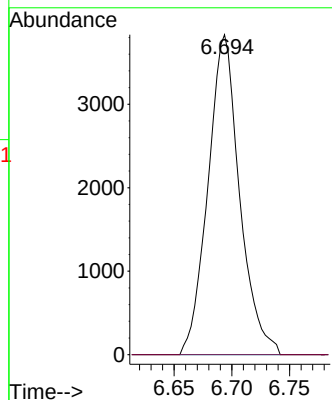
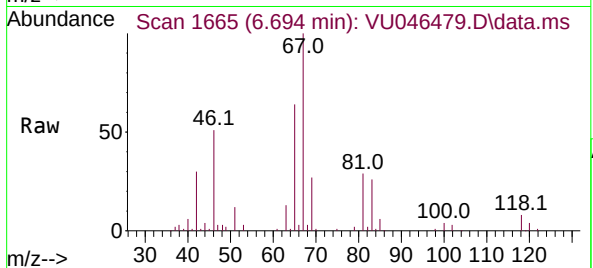
ClientSampleId :

Tgt Ion: 63 Resp: 7304

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.058 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046479.D

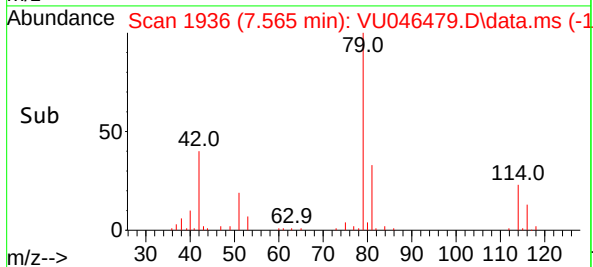
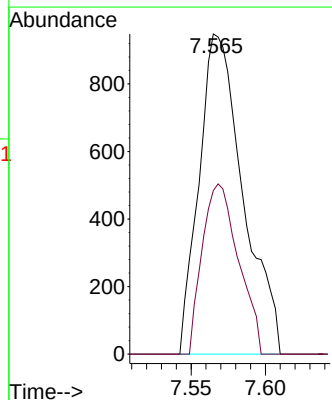
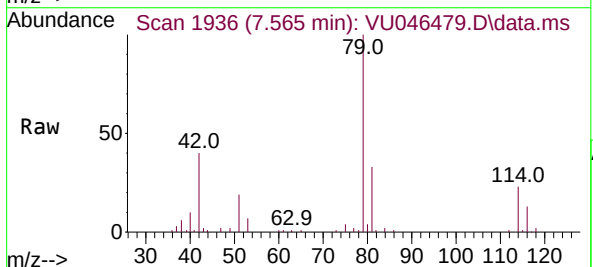
Acq: 17 Dec 2021 17:56

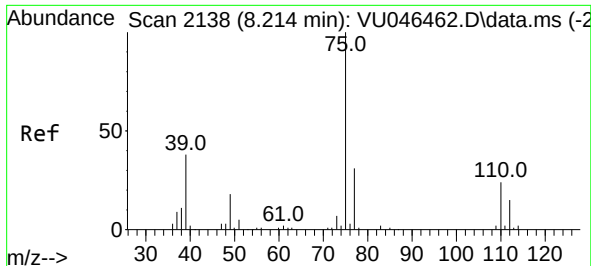
Tgt Ion: 75 Resp: 1953

Ion Ratio Lower Upper

75 100

77 51.1 21.8 40.6#

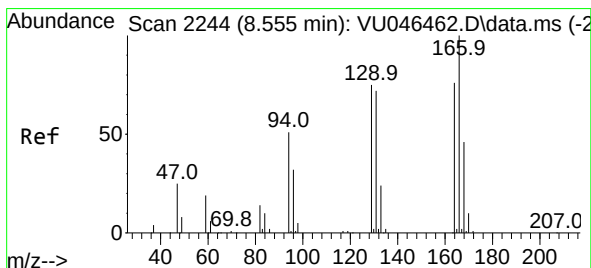
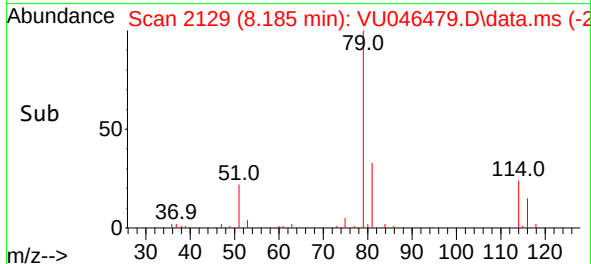
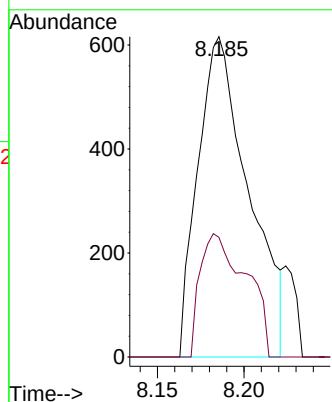
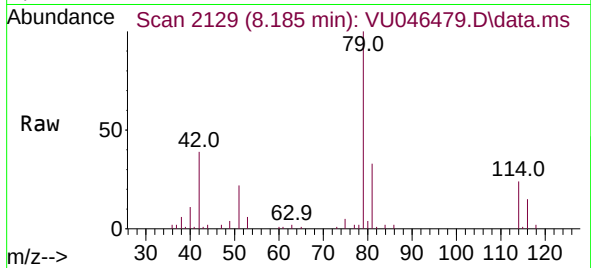




#44
trans-1,3-Dichloropropene
Concen: 0.690 ug/L
RT: 8.185 min Scan# 2138
Delta R.T. -0.026 min
Lab File: VU046479.D
Acq: 17 Dec 2021 17:56

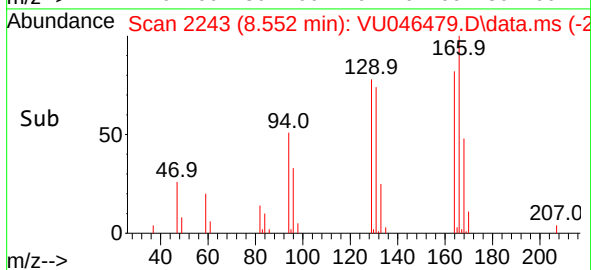
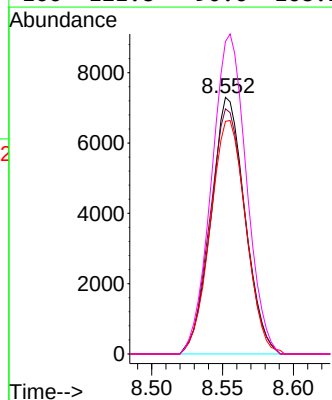
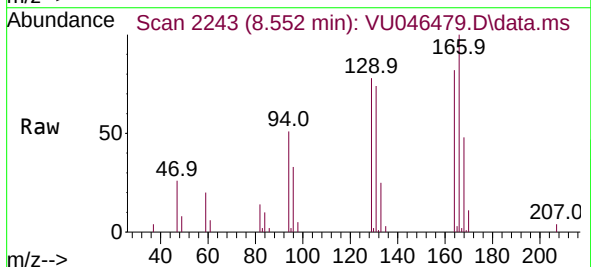
Instrument :
MSVOA_U
ClientSampleId :

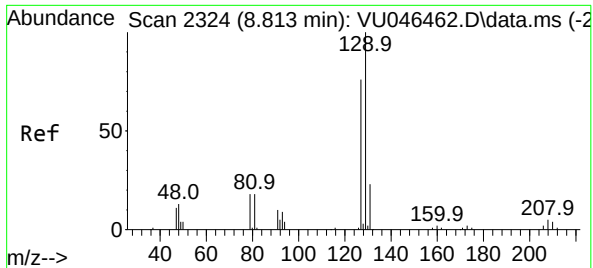
Tgt Ion: 75 Resp: 1251
Ion Ratio Lower Upper
75 100
77 37.3 21.7 40.3



#46
Tetrachloroethene
Concen: 13.579 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046479.D
Acq: 17 Dec 2021 17:56

Tgt Ion: 164 Resp: 12178
Ion Ratio Lower Upper
164 100
129 95.5 71.1 132.1
131 90.7 67.8 126.0
166 121.8 90.6 168.2

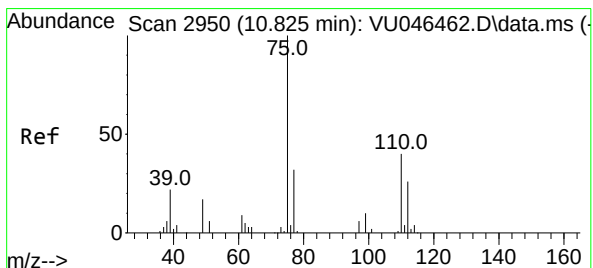
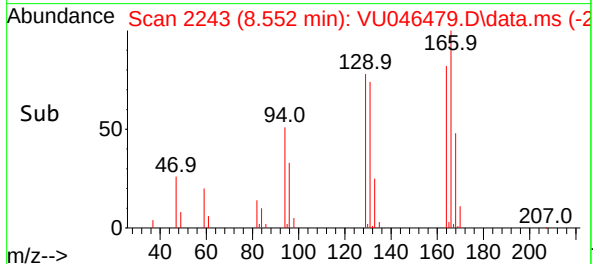
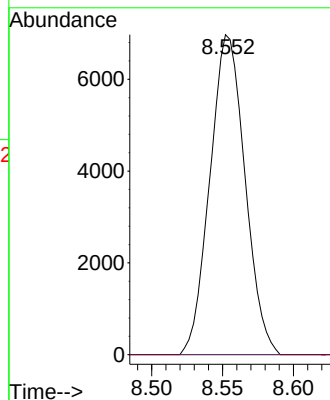
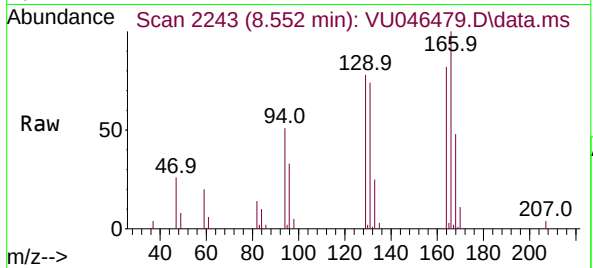




#49
Dibromochloromethane
Concen: 9.396 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU046479.D
Acq: 17 Dec 2021 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 12013
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.434 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU046479.D
Acq: 17 Dec 2021 17:56

Tgt Ion: 75 Resp: 8936
Ion Ratio Lower Upper
75 100
77 35.9 26.4 39.6
110 2.2 32.4 48.6#

