

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046332.D
 Acq On : 13 Dec 2021 21:35
 Operator : SY/MD
 Sample : M5023-06ME
 Misc : 6.41g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:43:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

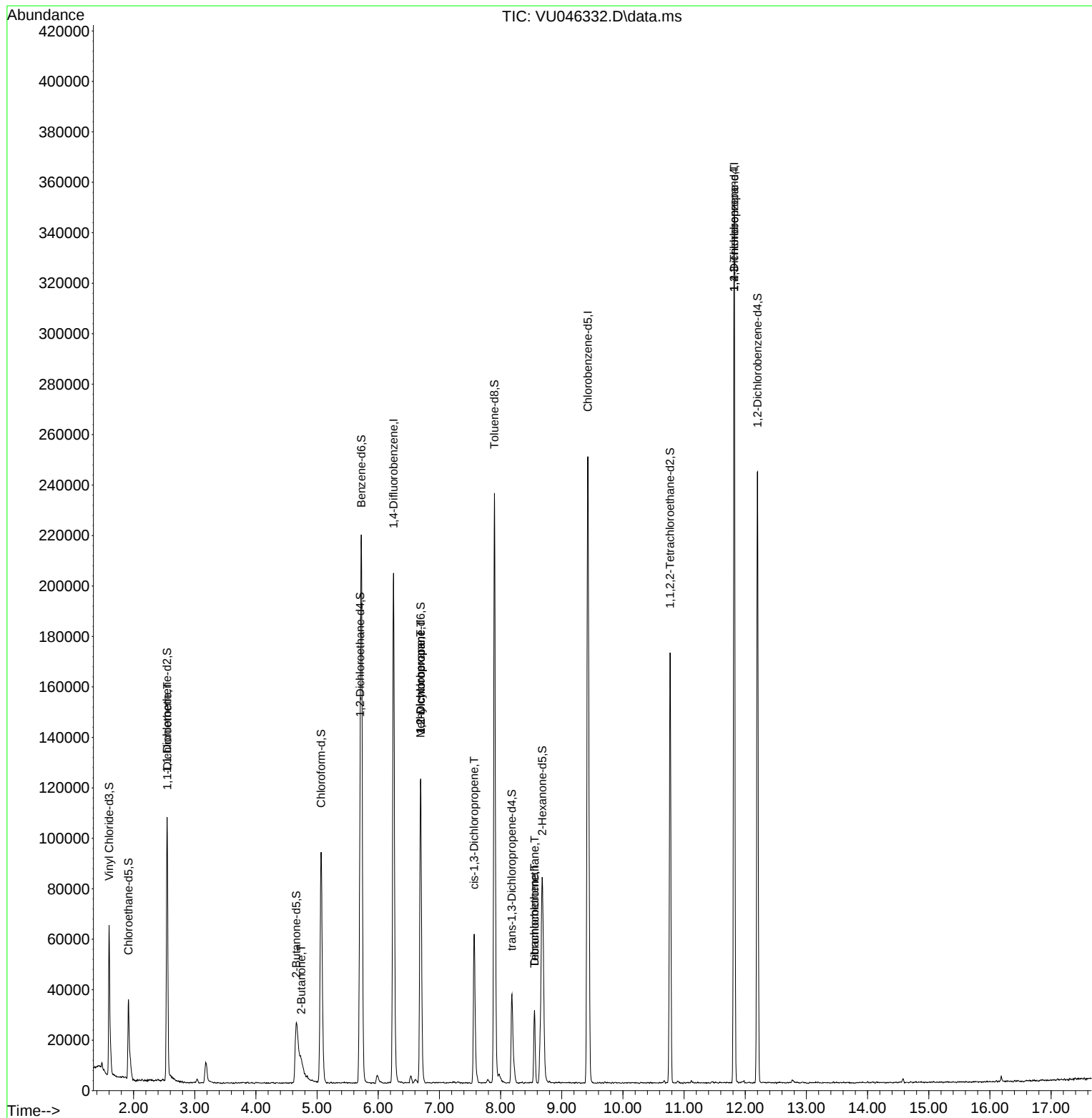
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	177314	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	184189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	88271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	55364	37.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.800%
7) Chloroethane-d5	1.916	69	34803	31.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.060%#
11) 1,1-Dichloroethene-d2	2.549	63	64146	24.464	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.920%#
21) 2-Butanone-d5	4.661	46	66763	57.499	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.500%
24) Chloroform-d	5.066	84	90731	37.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.703	65	65721	40.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.300%
32) Benzene-d6	5.726	84	191386	36.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.500%
36) 1,2-Dichloropropane-d6	6.693	67	60215	36.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.600%
41) Toluene-d8	7.899	98	167890	34.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.860%#
43) trans-1,3-Dichloroprop...	8.182	79	28645	36.268	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.540%
47) 2-Hexanone-d5	8.684	63	53872	69.446	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.450%
56) 1,1,2,2-Tetrachloroeth...	10.770	84	87055	35.085	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.180%
66) 1,2-Dichlorobenzene-d4	12.201	152	62426	36.722	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.440%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.552	96	509	0.415	ug/L #	1
22) 2-Butanone	4.742	43	8868	5.614	ug/L #	69
35) Methylcyclohexane	6.690	83	15088	6.626	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6559	4.491	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1683	0.758	ug/L #	59
46) Tetrachloroethene	8.552	164	6532	6.052	ug/L	91
49) Dibromochloromethane	8.555	129	6554	4.260	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	11129	5.751	ug/L #	66

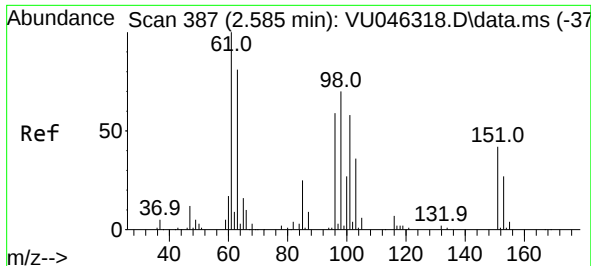
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.415 ug/L

RT: 2.552 min Scan# 31

Delta R.T. -0.032 min

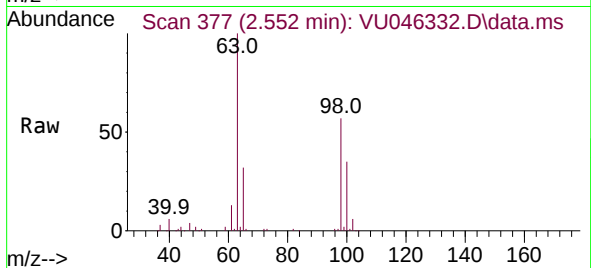
Lab File: VU046332.D

Acq: 13 Dec 2021 21:35

Instrument :

MSVOA_W

ClientSampleId :



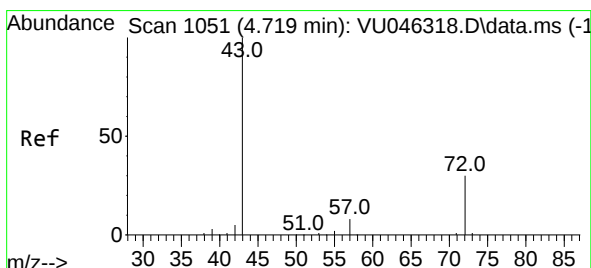
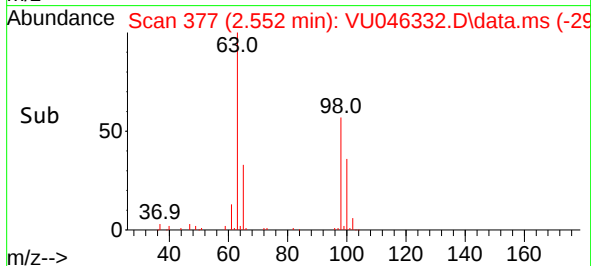
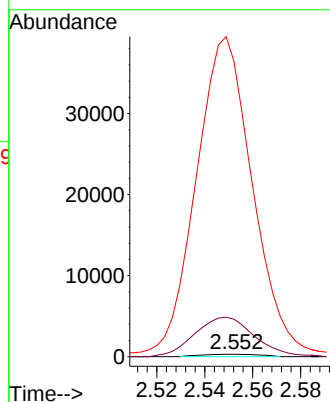
Tgt Ion: 96 Resp: 509

Ion Ratio Lower Upper

96 100

61 1559.8 118.6 220.2#

63 12308.1 93.0 172.8#



#22

2-Butanone

Concen: 5.614 ug/L

RT: 4.742 min Scan# 1058

Delta R.T. 0.022 min

Lab File: VU046332.D

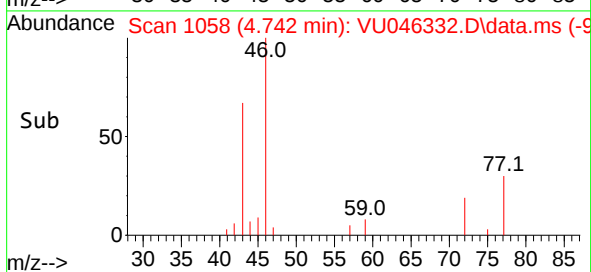
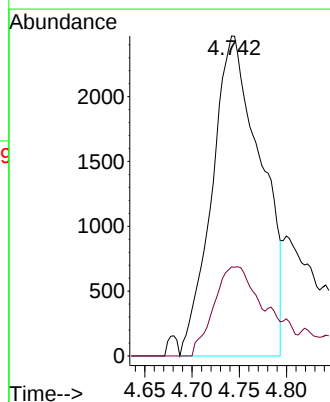
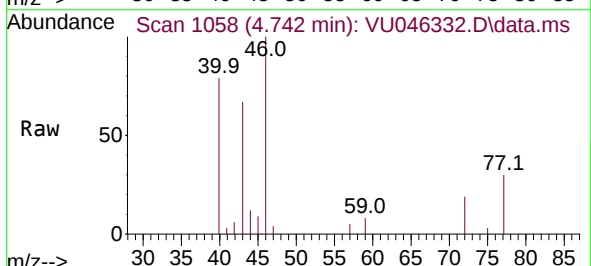
Acq: 13 Dec 2021 21:35

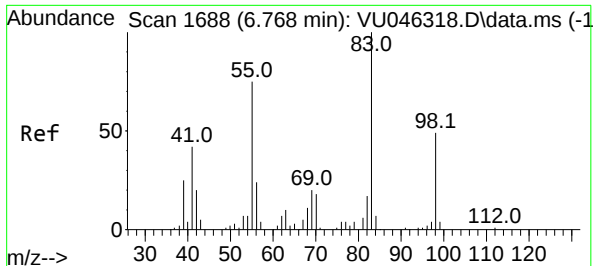
Tgt Ion: 43 Resp: 8868

Ion Ratio Lower Upper

43 100

72 12.4 14.5 43.6#

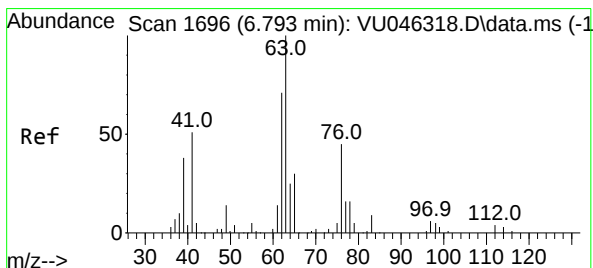
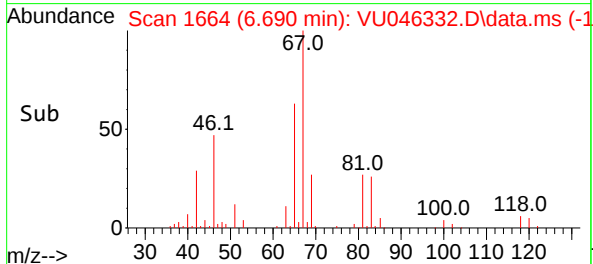
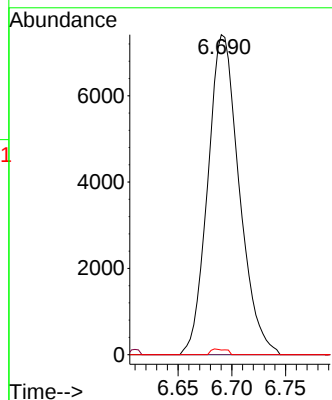
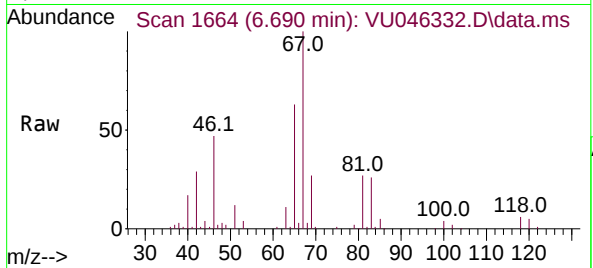




#35
Methylcyclohexane
Concen: 6.626 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046332.D
Acq: 13 Dec 2021 21:35

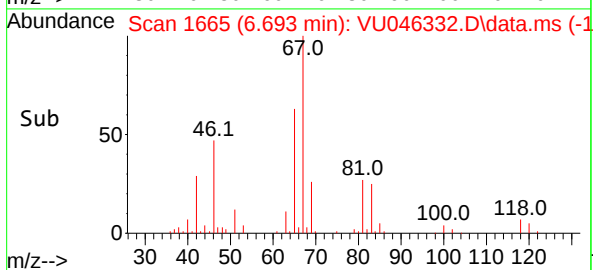
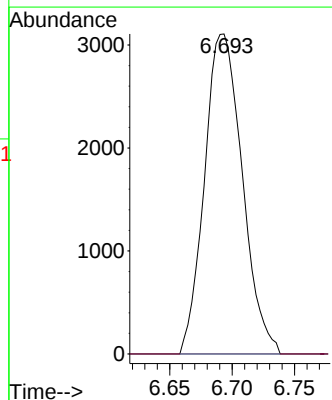
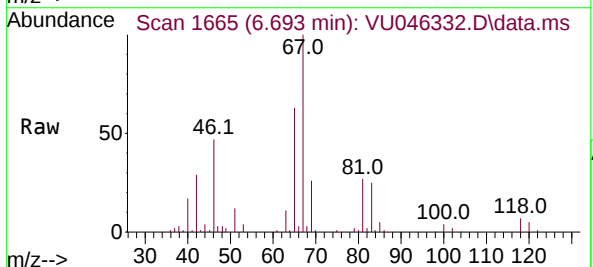
Instrument :
MSVOA_W
ClientSampleId :

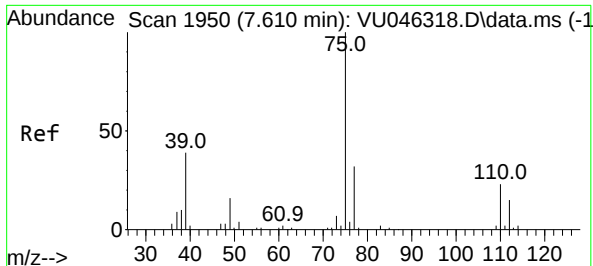
Tgt Ion: 83 Resp: 15088
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 0.6 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 4.491 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046332.D
Acq: 13 Dec 2021 21:35

Tgt Ion: 63 Resp: 6559
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.758 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046332.D

Acq: 13 Dec 2021 21:35

Instrument :

MSVOA_W

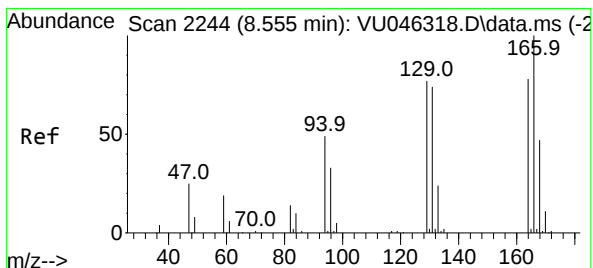
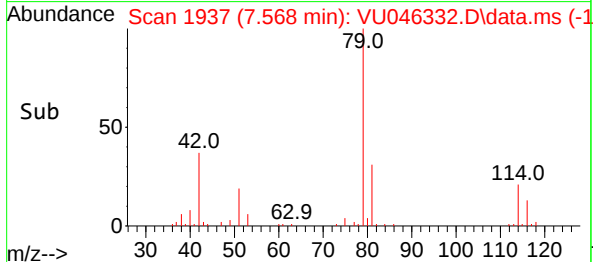
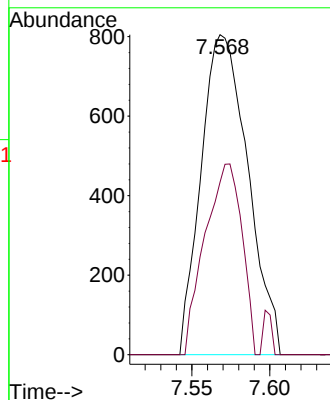
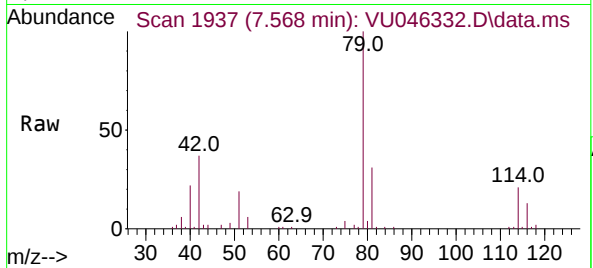
ClientSampleId :

Tgt Ion: 75 Resp: 1683

Ion Ratio Lower Upper

75 100

77 53.9 21.8 40.6#



#46

Tetrachloroethene

Concen: 6.052 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU046332.D

Acq: 13 Dec 2021 21:35

Tgt Ion: 164 Resp: 6532

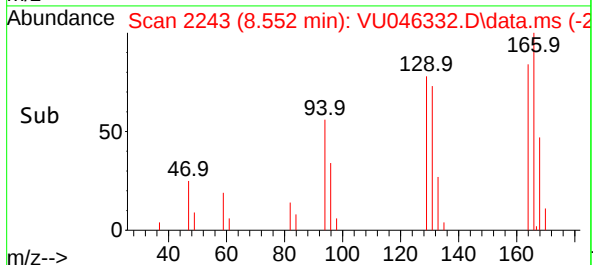
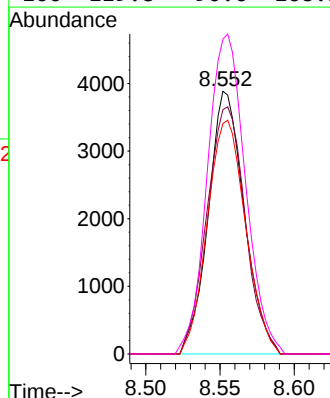
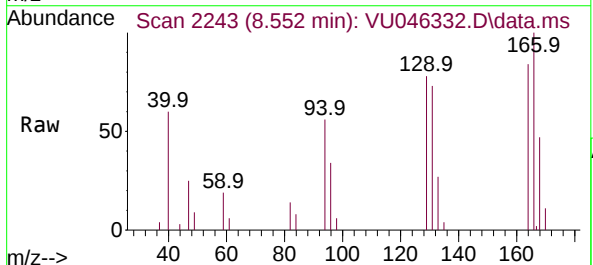
Ion Ratio Lower Upper

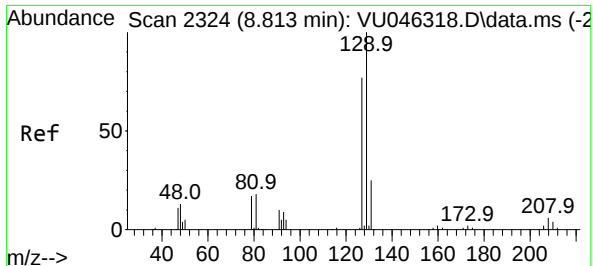
164 100

129 93.0 71.1 132.1

131 87.7 67.8 126.0

166 119.8 90.6 168.2





#49

Dibromochloromethane

Concen: 4.260 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046332.D

Acq: 13 Dec 2021 21:35

Instrument :

MSVOA_W

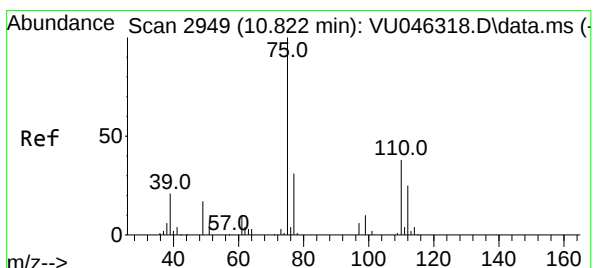
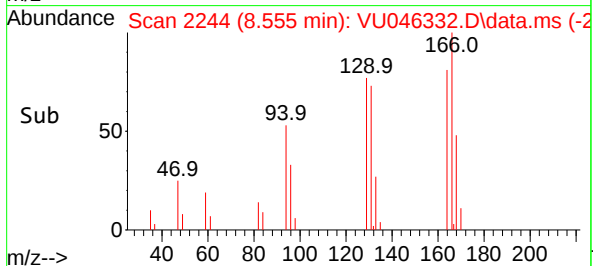
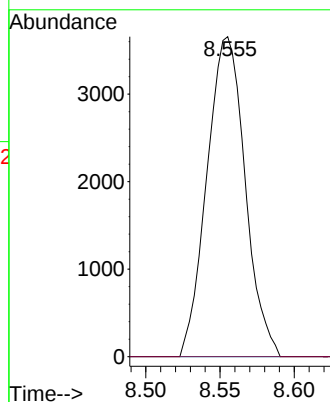
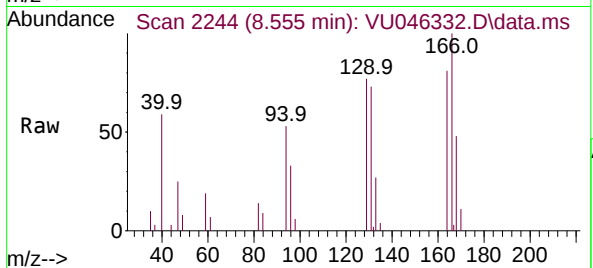
ClientSampleId :

Tgt Ion:129 Resp: 6554

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.751 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.997 min

Lab File: VU046332.D

Acq: 13 Dec 2021 21:35

Tgt Ion: 75 Resp: 11129

Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6

110 2.3 32.4 48.6#

