

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024254.D
 Acq On : 31 Dec 2021 00:57
 Operator : SY/MD
 Sample : M5213-15ME
 Misc : 6.31G/5.0mL/100uL//5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 06:17:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

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

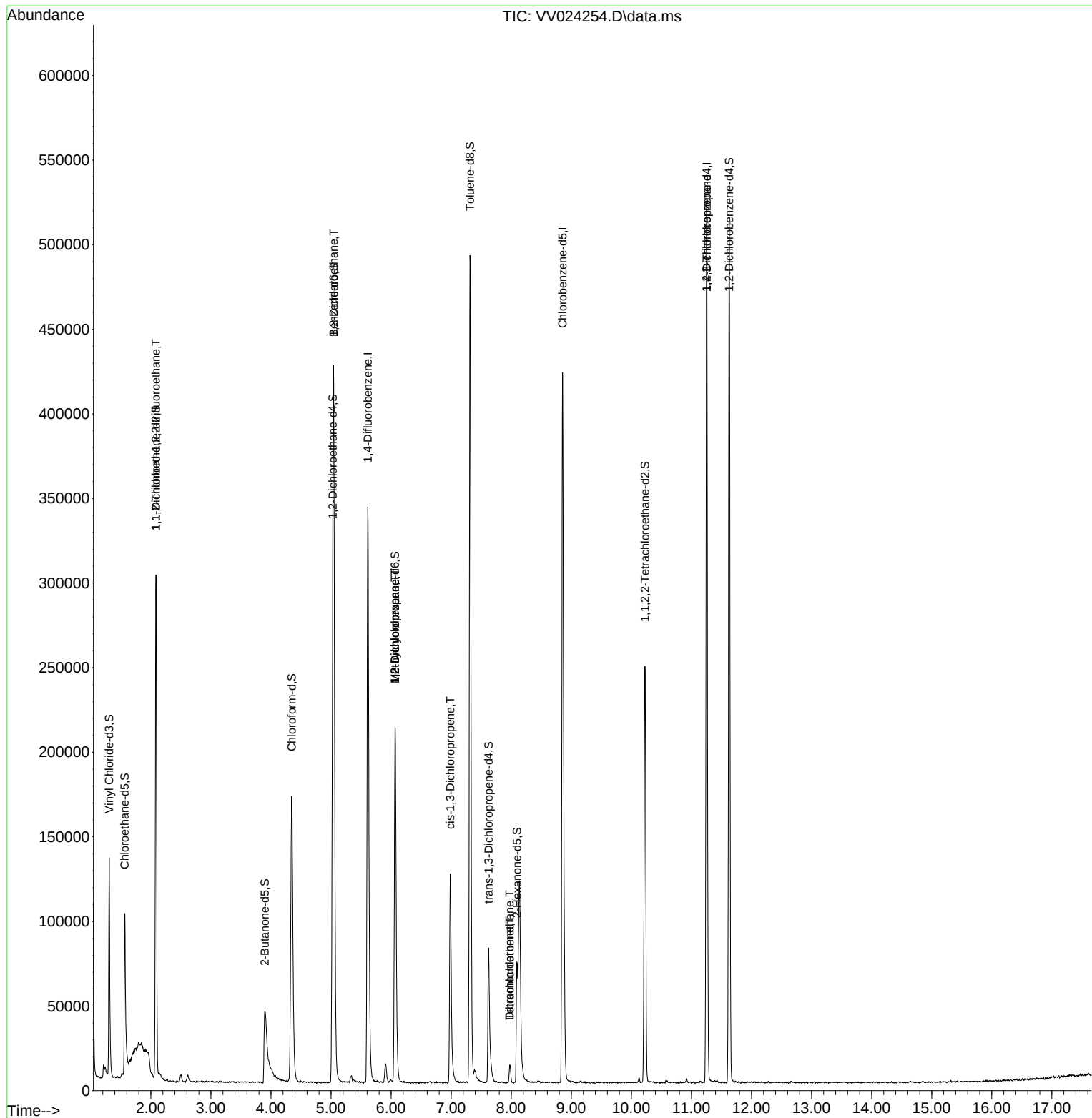
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	312456	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	292204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	146849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	93878	41.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.500%		
7) Chloroethane-d5	1.565	69	71527	41.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.740%		
11) 1,1-Dichloroethene-d2	2.085	63	149391	35.546	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.100%		
21) 2-Butanone-d5	3.899	46	101863	81.305	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.300%		
24) Chloroform-d	4.346	84	178384	43.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.800%		
26) 1,2-Dichloroethane-d4	5.027	65	125108	45.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
32) Benzene-d6	5.043	84	354533	46.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.980%		
36) 1,2-Dichloropropane-d6	6.066	67	98253	45.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.960%		
41) Toluene-d8	7.313	98	335980	45.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.020%		
43) trans-1,3-Dichloroprop...	7.622	79	55142	44.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.620%		
47) 2-Hexanone-d5	8.095	63	22487	24.220	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	24.220%#		
56) 1,1,2,2-Tetrachloroeth...	10.227	84	123414	40.411	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.820%		
66) 1,2-Dichlorobenzene-d4	11.628	152	138645	47.367	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.740%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.085	101	1439	0.731	ug/L #	16
27) 1,2-Dichloroethane	5.043	62	2191	0.708	ug/L	97
35) Methylcyclohexane	6.066	83	26880	8.846	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12564	7.189	ug/L #	82
39) cis-1,3-Dichloropropene	6.986	75	4031	1.372	ug/L #	58
46) Tetrachloroethene	7.976	164	2787	1.494	ug/L	90
49) Dibromochloromethane	7.976	129	2346	0.955	ug/L #	11
61) 1,2,3-Trichloropropane	11.252	75	14056	6.519	ug/L #	62

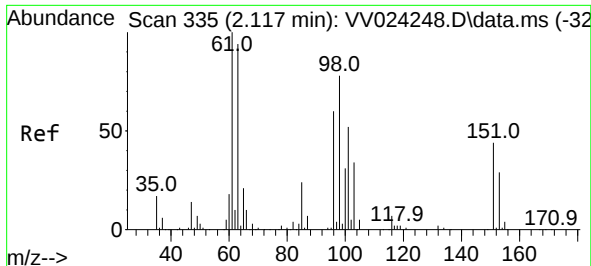
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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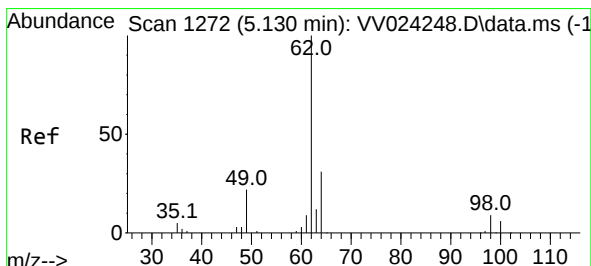
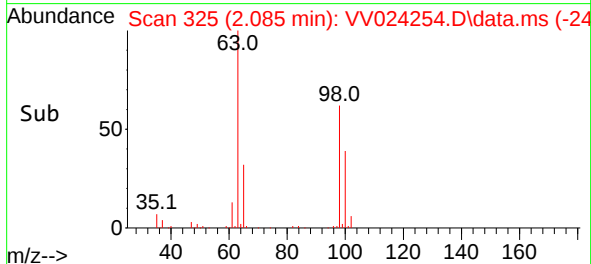
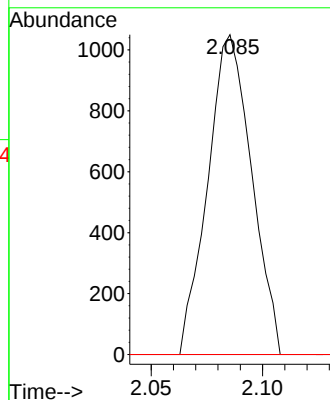
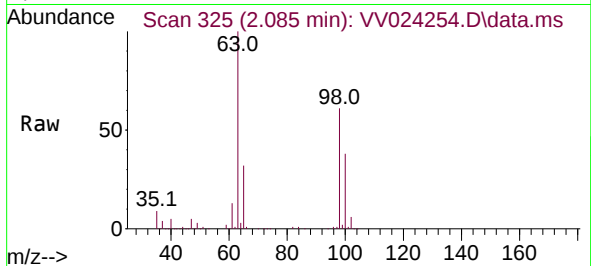




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.731 ug/L
 RT: 2.085 min Scan# 31
 Delta R.T. -0.032 min
 Lab File: VV024254.D
 Acq: 31 Dec 2021 00:57

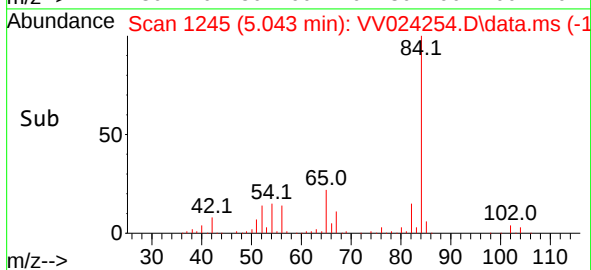
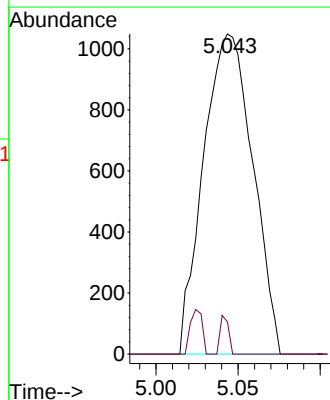
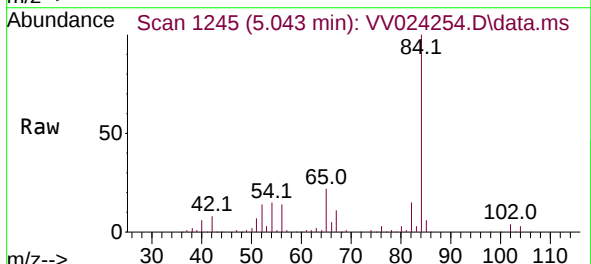
Instrument :
 MSVOA_V
 ClientSampleId :

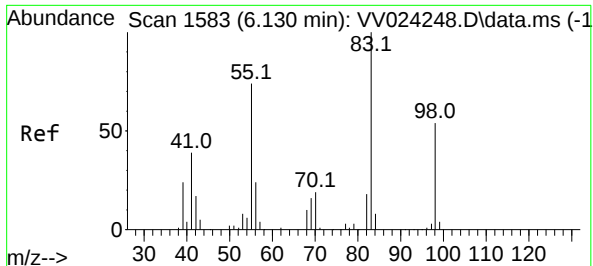
Tgt Ion:101 Resp: 1439
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 67.1 100.7#



#27
 1,2-Dichloroethane
 Concen: 0.708 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.087 min
 Lab File: VV024254.D
 Acq: 31 Dec 2021 00:57

Tgt Ion: 62 Resp: 2191
 Ion Ratio Lower Upper
 62 100
 98 10.1 7.1 10.7





#35

Methylcyclohexane

Concen: 8.846 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV024254.D

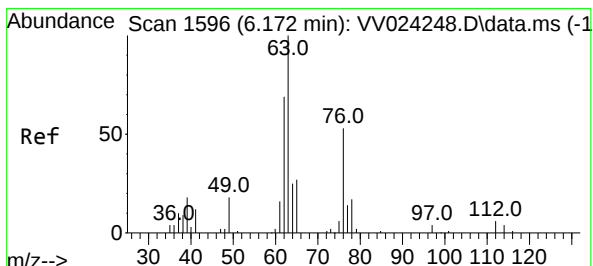
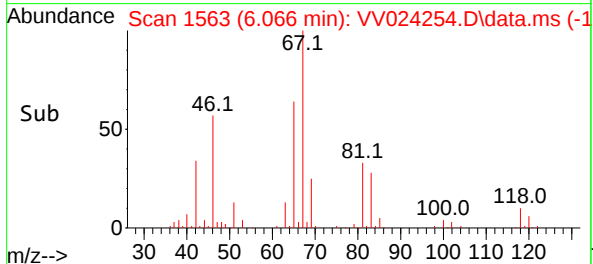
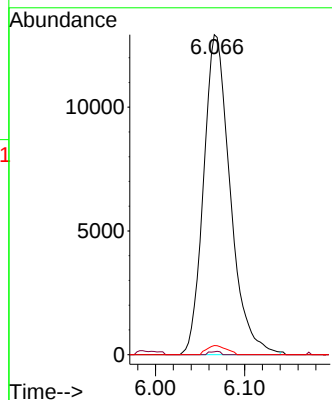
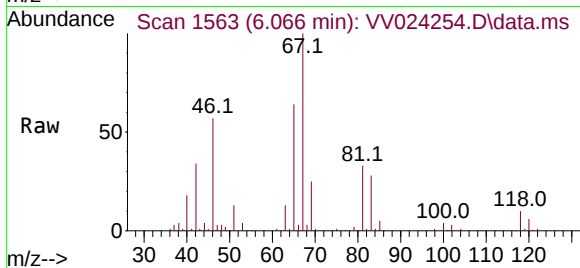
Acq: 31 Dec 2021 00:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	26880
Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.6	83.4#
98	2.1	41.3	61.9#



#37

1,2-Dichloropropane

Concen: 7.189 ug/L

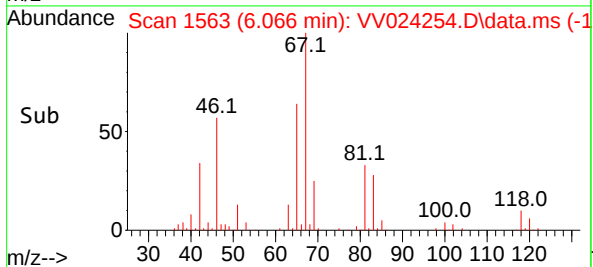
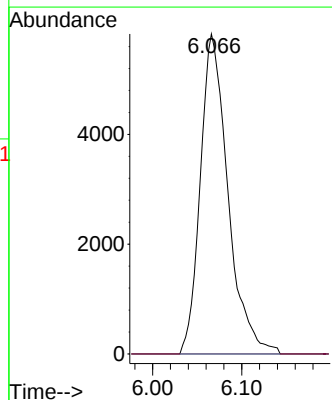
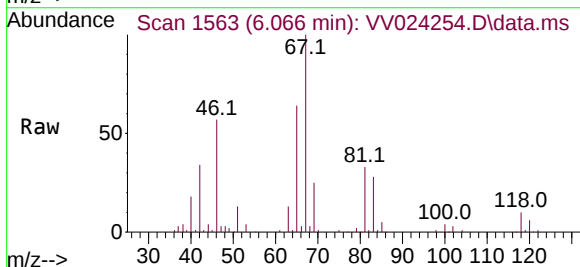
RT: 6.066 min Scan# 1563

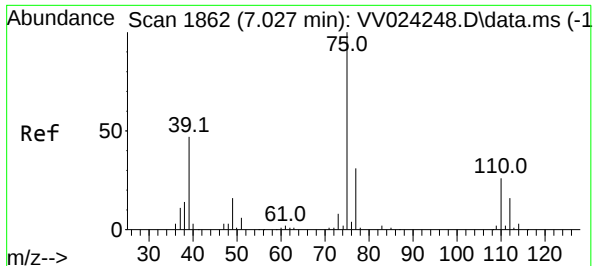
Delta R.T. -0.106 min

Lab File: VV024254.D

Acq: 31 Dec 2021 00:57

Tgt Ion:	63	Resp:	12564
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#





#39

cis-1,3-Dichloropropene

Concen: 1.372 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV024254.D

Acq: 31 Dec 2021 00:57

Instrument :

MSVOA_V

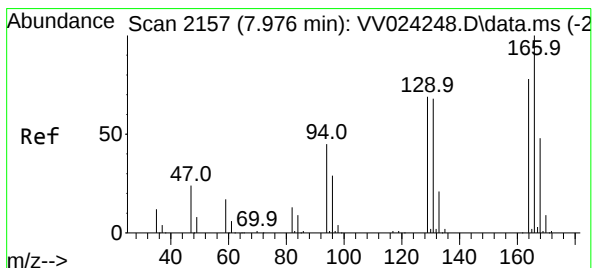
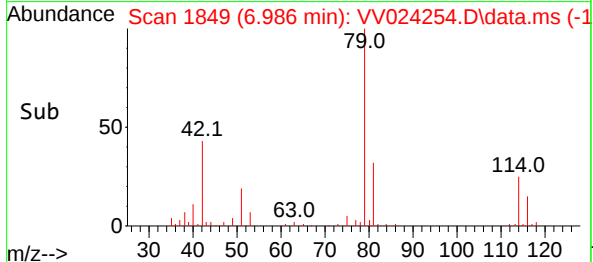
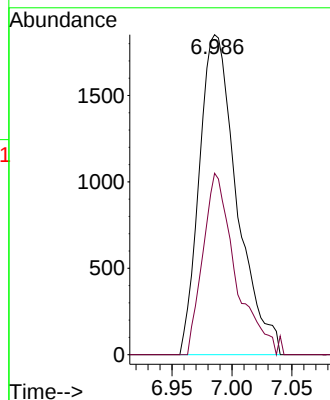
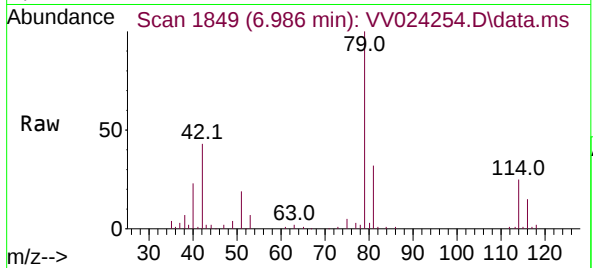
ClientSampleId :

Tgt Ion: 75 Resp: 4031

Ion Ratio Lower Upper

75 100

77 56.7 23.0 42.8#



#46

Tetrachloroethene

Concen: 1.494 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024254.D

Acq: 31 Dec 2021 00:57

Tgt Ion: 164 Resp: 2787

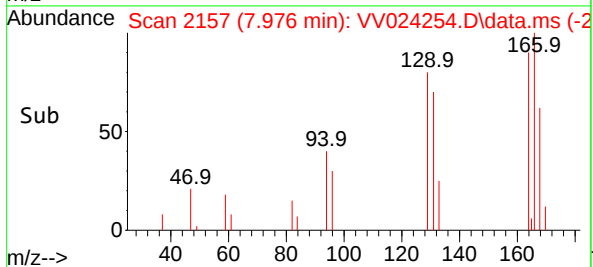
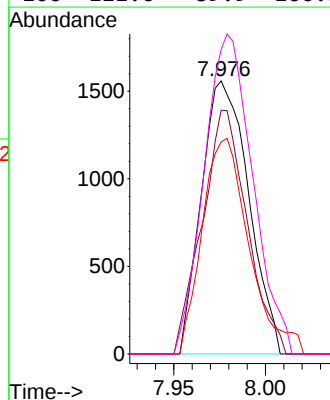
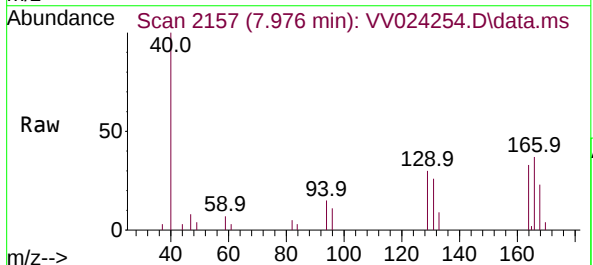
Ion Ratio Lower Upper

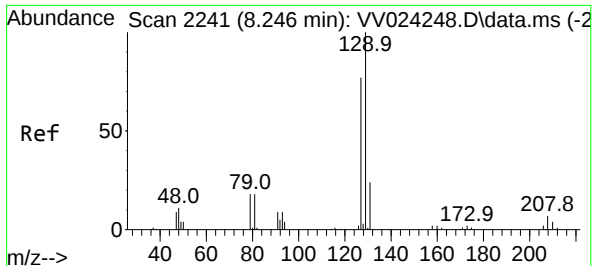
164 100

129 89.3 61.5 114.1

131 77.7 62.2 115.4

166 111.6 89.9 166.9





#49

Dibromochloromethane

Concen: 0.955 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV024254.D

Acq: 31 Dec 2021 00:57

Instrument :

MSVOA_V

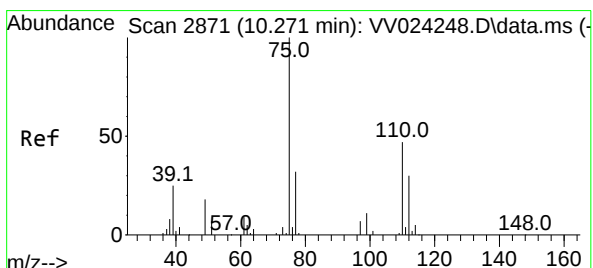
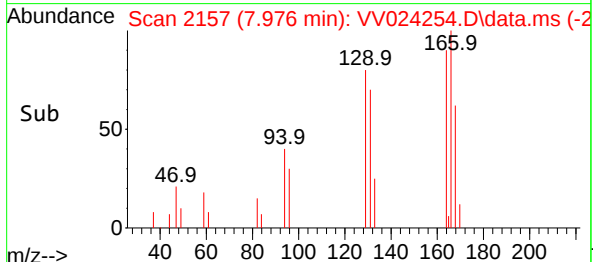
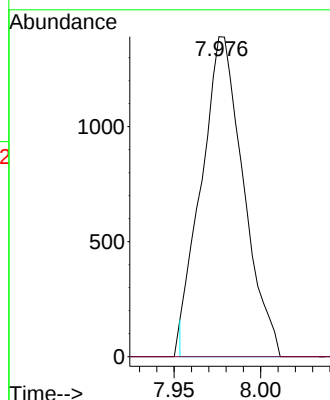
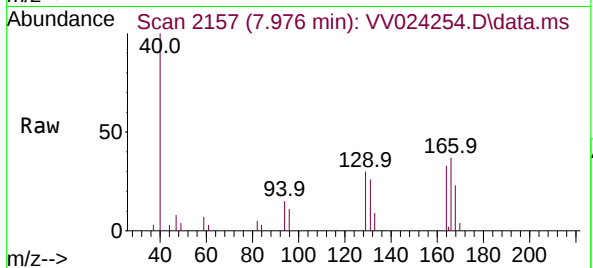
ClientSampleId :

Tgt Ion:129 Resp: 2346

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#61

1,2,3-Trichloropropane

Concen: 6.519 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.981 min

Lab File: VV024254.D

Acq: 31 Dec 2021 00:57

Tgt Ion: 75 Resp: 14056

Ion Ratio Lower Upper

75 100

77 33.0 26.9 40.3

110 3.9 37.1 55.7#

