

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
 Data File : VV023907.D
 Acq On : 10 Dec 2021 23:52
 Operator : SY/MD
 Sample : M5025-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 06:03:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

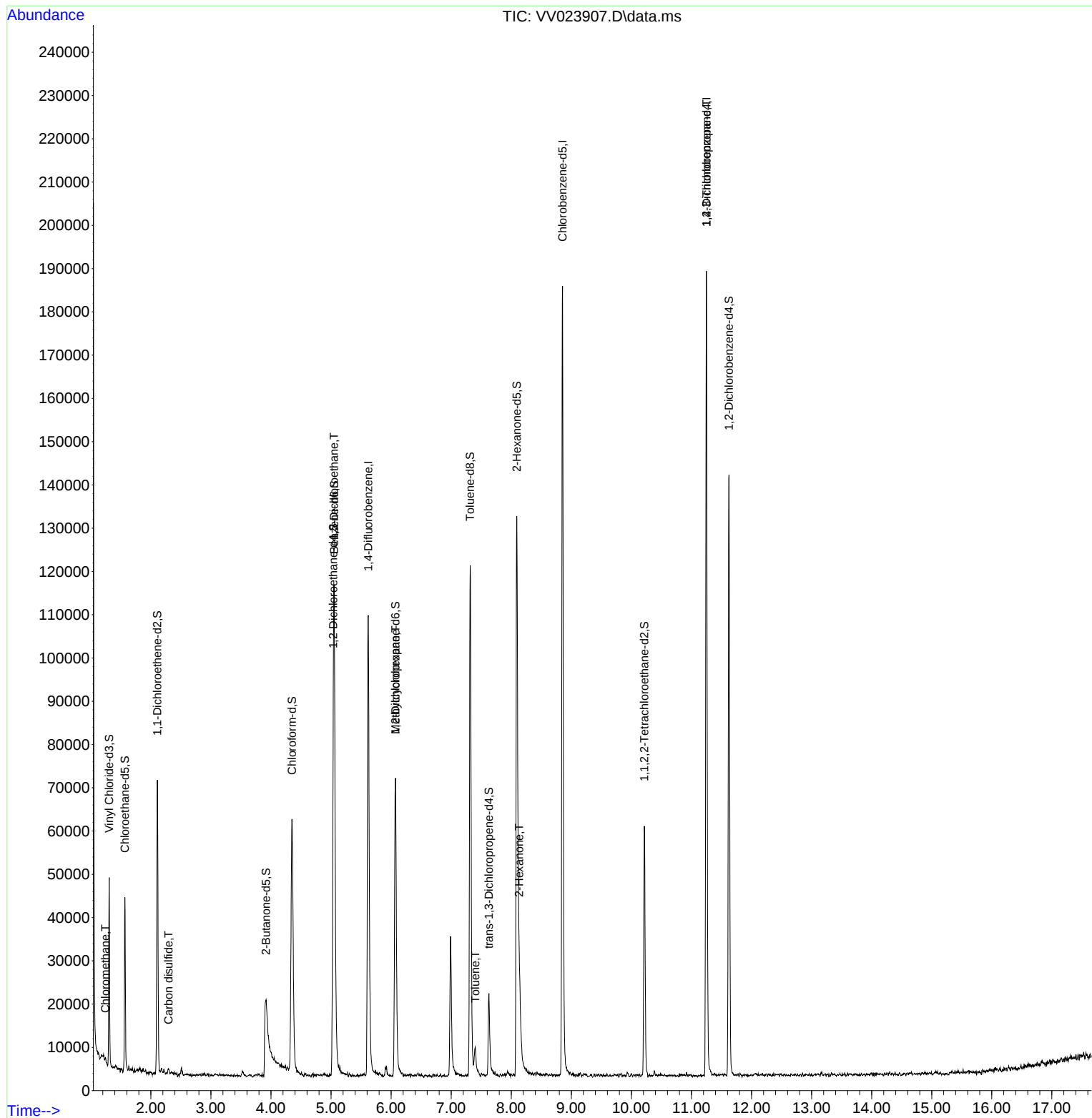
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24942	4.801	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.568	69	23483	5.418	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.108	63	34628	3.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.200%	
20) 2-Butanone-d5	3.918	46	49197	48.470	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.940%	
24) Chloroform-d	4.349	84	61403	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.037	65	30480	5.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
32) Benzene-d6	5.053	84	103357	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.072	67	33104	5.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.317	98	82088	4.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.629	79	12198	4.701	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.092	63	58058	49.984	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25789	4.971	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	37604	5.458	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	414	0.058	ug/L	94
14) Carbon disulfide	2.294	76	1169	0.062	ug/L #	88
27) 1,2-Dichloroethane	5.050	62	681	0.088	ug/L #	73
35) Methylcyclohexane	6.072	83	8570	0.697	ug/L #	20
42) Toluene	7.400	91	5132	0.154	ug/L	90
48) 2-Hexanone	8.130	43	2325	0.948	ug/L #	62
61) 1,2,3-Trichloropropane	11.249	75	4977	1.416	ug/L #	61

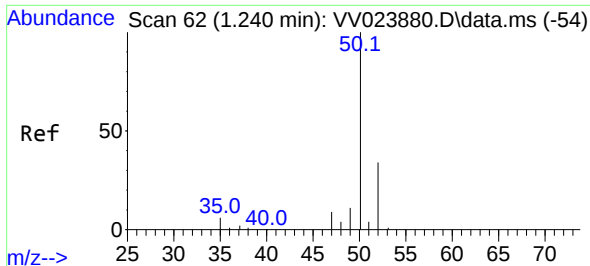
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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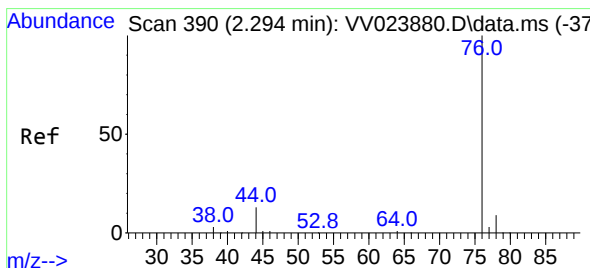
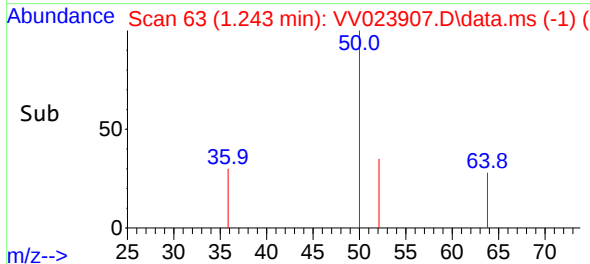
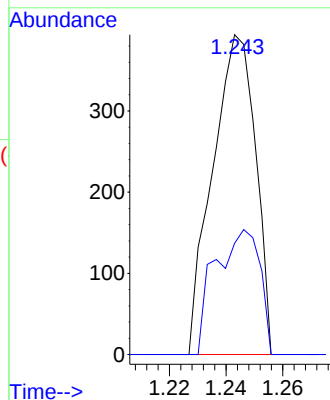
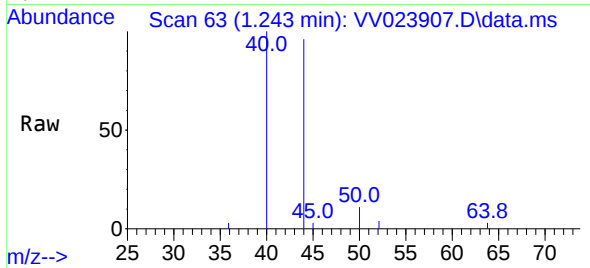




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023907.D
Acq: 10 Dec 2021 23:52

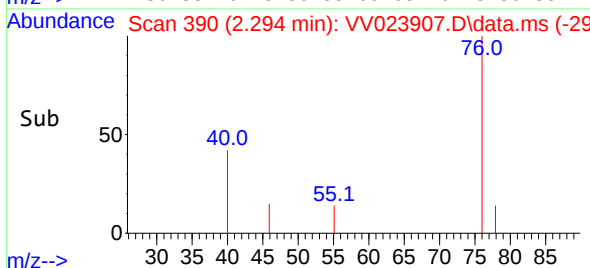
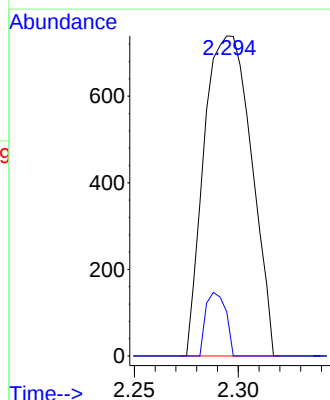
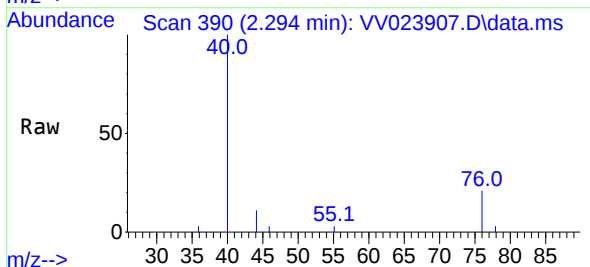
Instrument :
MSVOA_V
ClientSampleId :

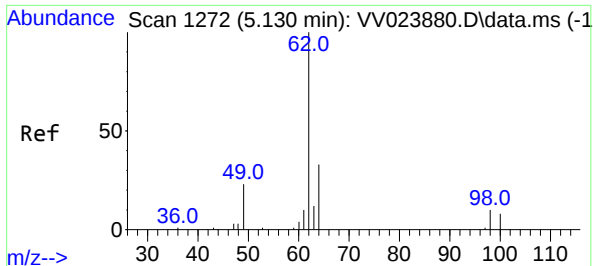
Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 34.8 22.0 41.0



#14
Carbon disulfide
Concen: 0.062 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023907.D
Acq: 10 Dec 2021 23:52

Tgt Ion: 76 Resp: 1169
Ion Ratio Lower Upper
76 100
78 13.8 7.5 11.3#

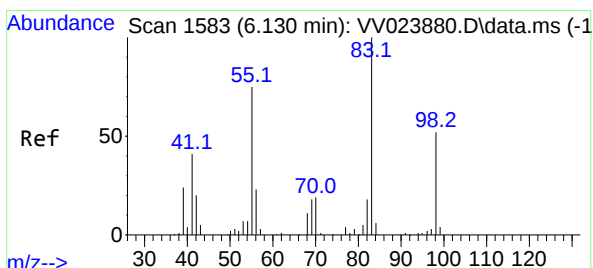
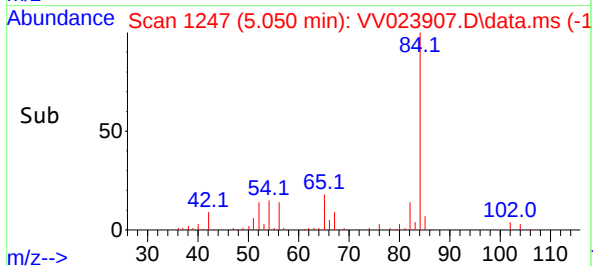
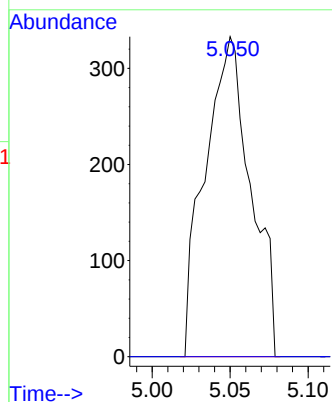
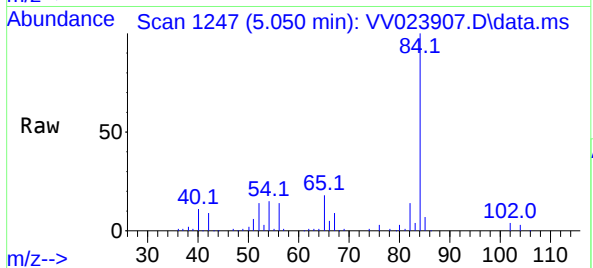




#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV023907.D
Acq: 10 Dec 2021 23:52

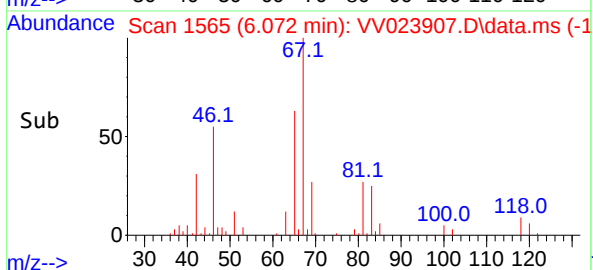
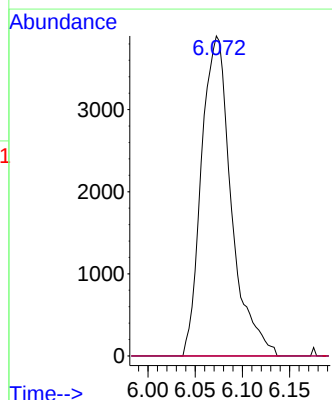
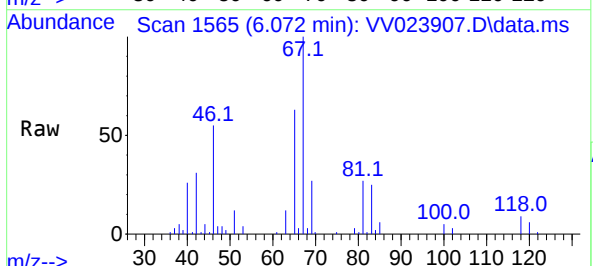
Instrument :
MSVOA_V
ClientSampleId :

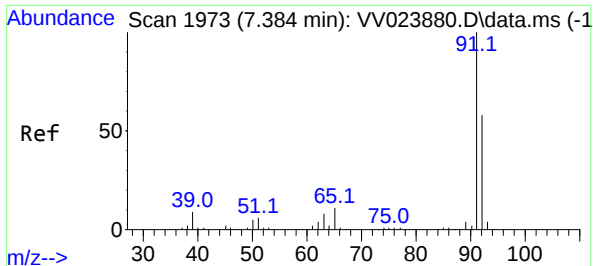
Tgt Ion: 62 Resp: 681
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023907.D
Acq: 10 Dec 2021 23:52

Tgt Ion: 83 Resp: 8570
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 4.5 41.0 61.4#





#42

Toluene

Concen: 0.154 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023907.D

Acq: 10 Dec 2021 23:52

Instrument :

MSVOA_V

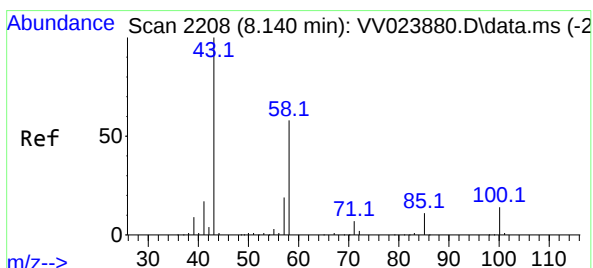
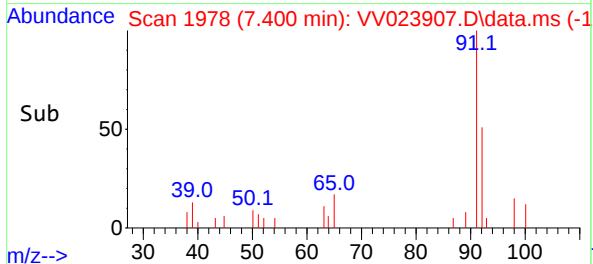
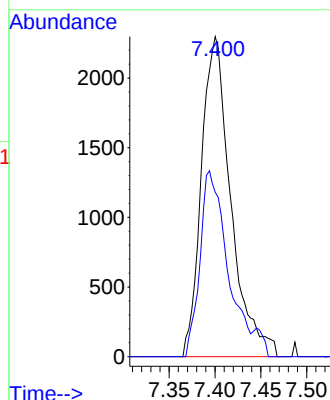
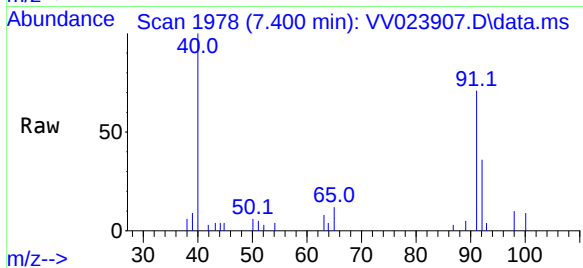
ClientSampleId :

Tgt Ion: 91 Resp: 5132

Ion Ratio Lower Upper

91 100

92 51.4 41.5 77.1



#48

2-Hexanone

Concen: 0.948 ug/L

RT: 8.130 min Scan# 2205

Delta R.T. -0.009 min

Lab File: VV023907.D

Acq: 10 Dec 2021 23:52

Tgt Ion: 43 Resp: 2325

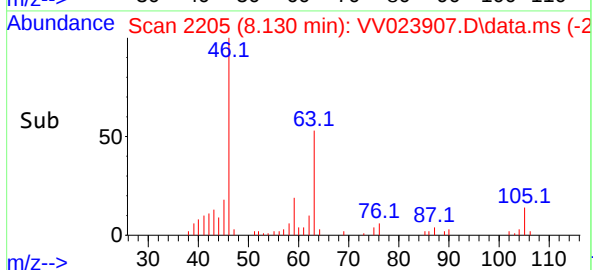
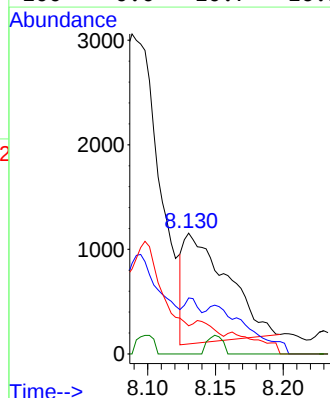
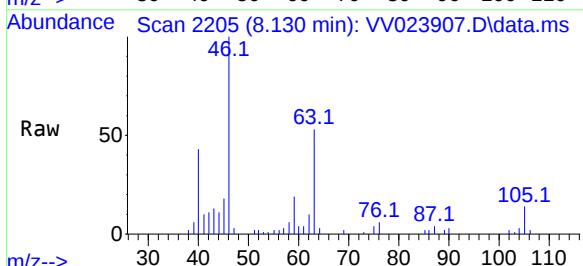
Ion Ratio Lower Upper

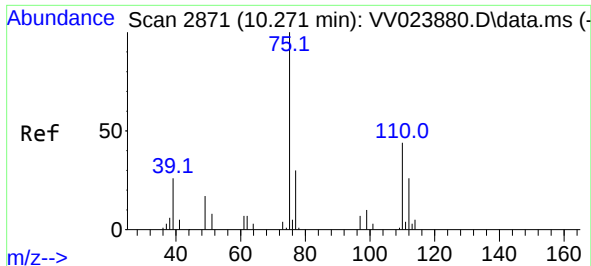
43 100

58 19.7 44.5 66.7#

57 14.8 15.1 22.7#

100 0.0 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.416 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

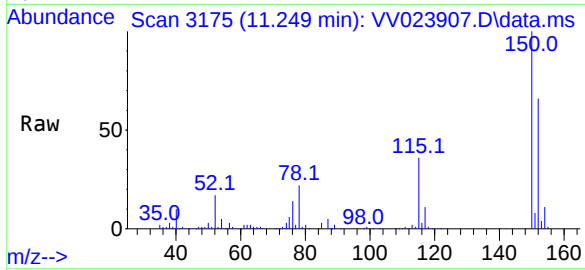
Lab File: VV023907.D

Acq: 10 Dec 2021 23:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4977

Ion Ratio Lower Upper

75 100

77 37.1 26.4 39.6

110 2.1 34.2 51.2#

