

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023848.D
 Acq On : 08 Dec 2021 19:43
 Operator : SY/MD
 Sample : M4889-24
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CR1

Quant Time: Dec 09 00:35:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

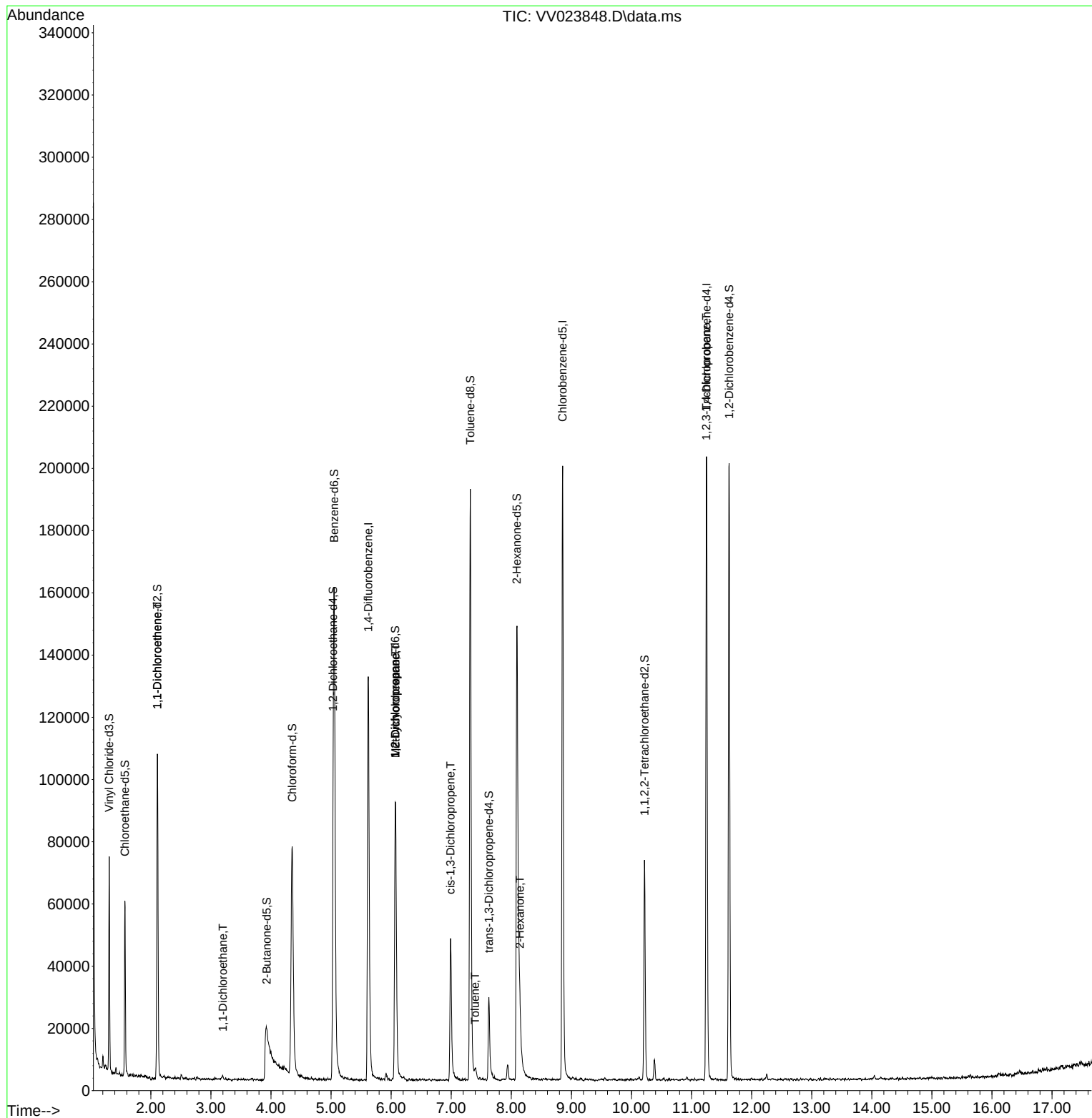
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117605	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40795	4.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	32614	4.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.108	63	54440	3.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.928	46	37995	32.737	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.480%
24) Chloroform-d	4.352	84	78557	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	38230	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.050	84	147497	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.069	67	43092	4.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.316	98	127148	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	16360	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.091	63	73987	63.758	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31715	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	51880	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	740	0.094	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	1030	0.068	ug/L #	76
35) Methylcyclohexane	6.072	83	11516	0.852	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5350	0.696	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1564	0.143	ug/L	99
42) Toluene	7.394	91	2439	0.070	ug/L	86
48) 2-Hexanone	8.143	43	2148	0.792	ug/L #	77
61) 1,2,3-Trichloropropane	11.246	75	5995	1.520	ug/L #	64

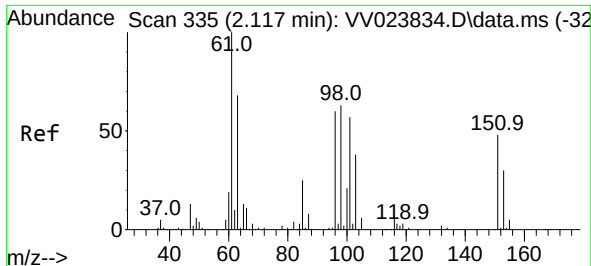
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023848.D

Acq: 08 Dec 2021 19:43

Instrument :

MSVOA_V

ClientSampleId :

C0CR1

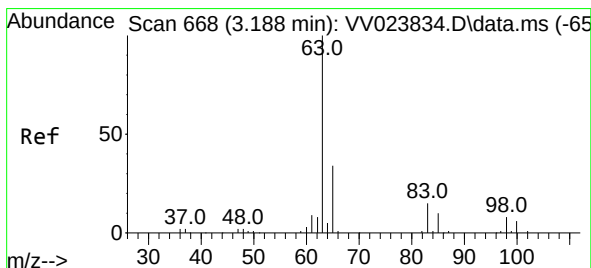
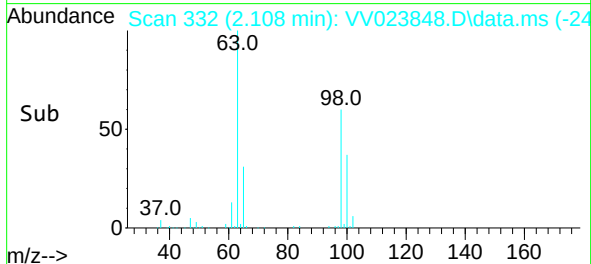
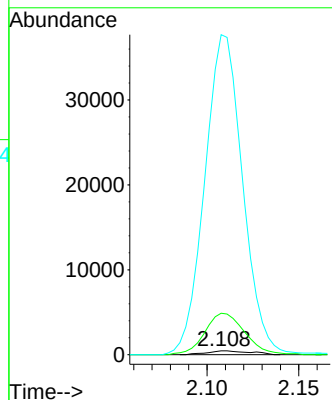
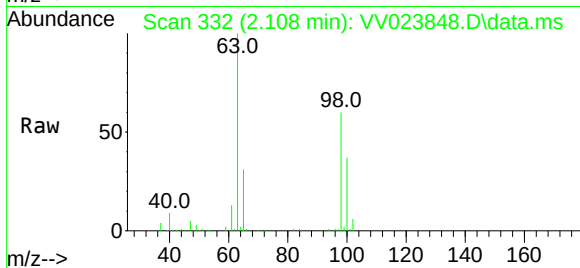
Tgt Ion: 96 Resp: 740

Ion Ratio Lower Upper

96 100

61 1064.5 116.1 215.5#

63 8212.6 79.4 147.4#



#19

1,1-Dichloroethane

Concen: 0.068 ug/L

RT: 3.198 min Scan# 671

Delta R.T. 0.013 min

Lab File: VV023848.D

Acq: 08 Dec 2021 19:43

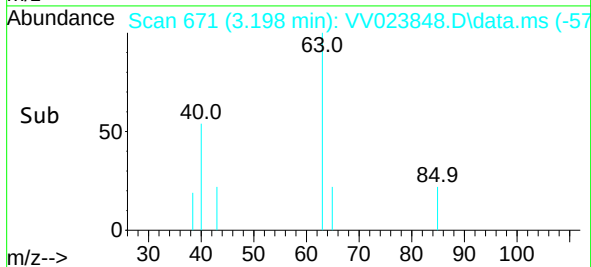
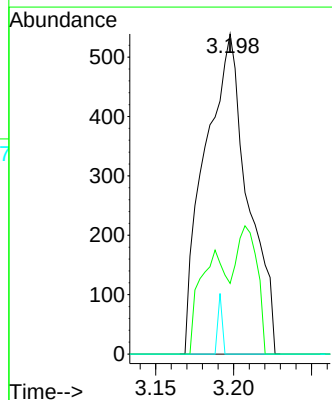
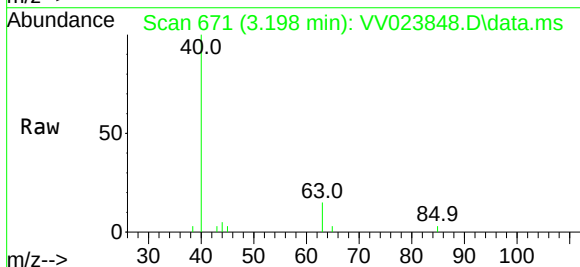
Tgt Ion: 63 Resp: 1030

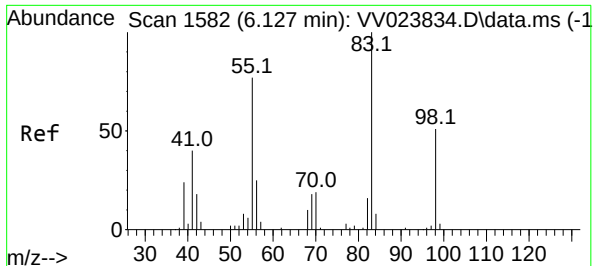
Ion Ratio Lower Upper

63 100

65 22.1 22.3 41.3#

83 0.0 10.7 19.9#





#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023848.D

Acq: 08 Dec 2021 19:43

Instrument :

MSVOA_V

ClientSampleId :

C0CR1

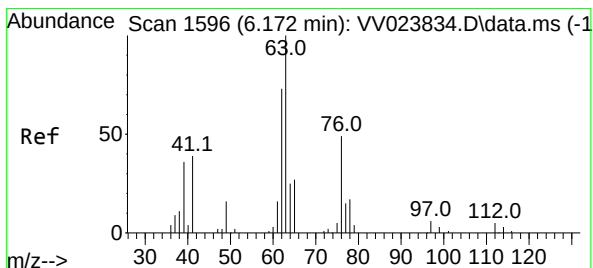
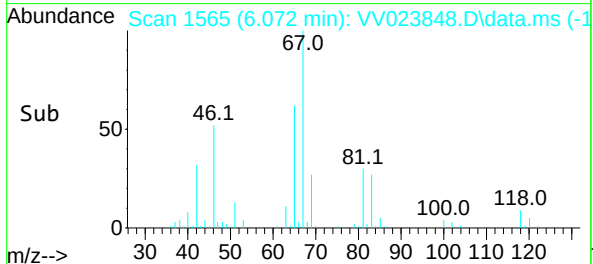
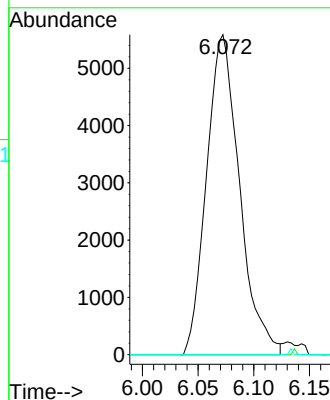
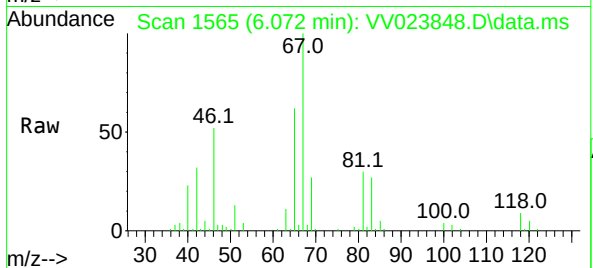
Tgt Ion: 83 Resp: 11516

Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 0.2 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.097 min

Lab File: VV023848.D

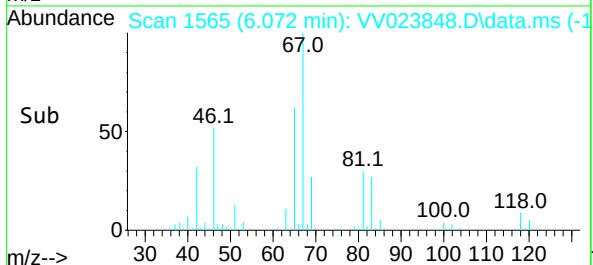
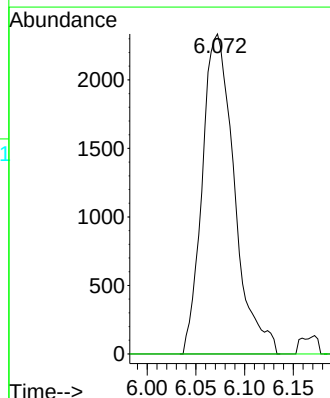
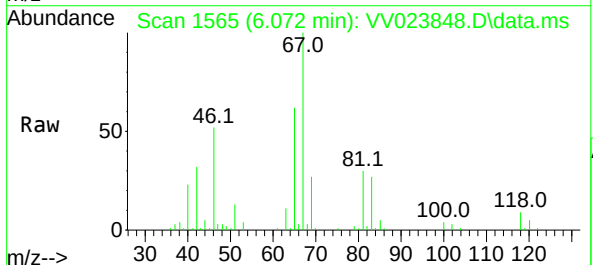
Acq: 08 Dec 2021 19:43

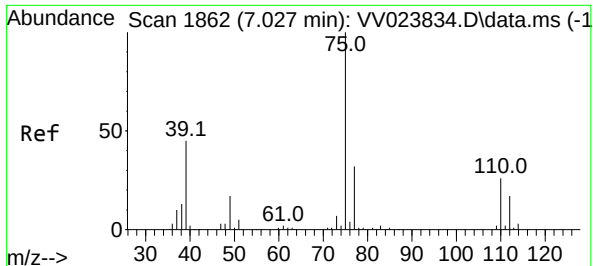
Tgt Ion: 63 Resp: 5350

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.143 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023848.D

Acq: 08 Dec 2021 19:43

Instrument :

MSVOA_V

ClientSampleId :

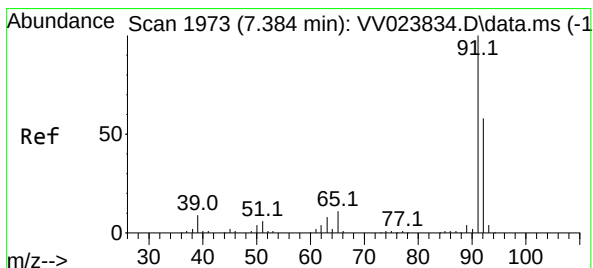
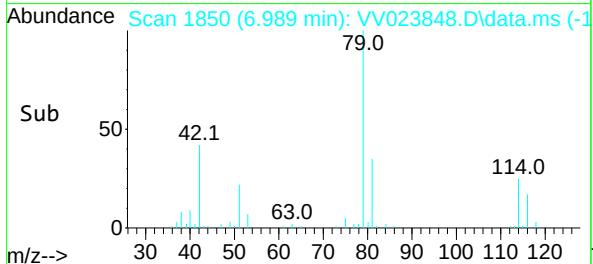
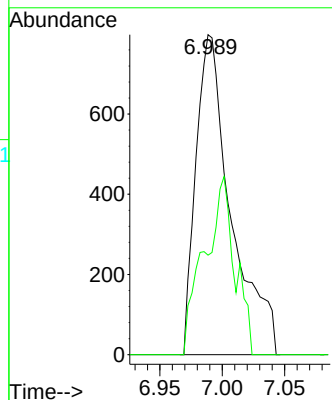
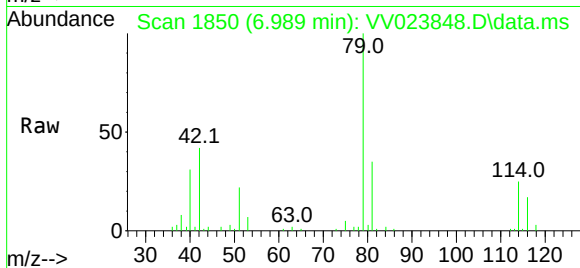
C0CR1

Tgt Ion: 75 Resp: 1564

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#42

Toluene

Concen: 0.070 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV023848.D

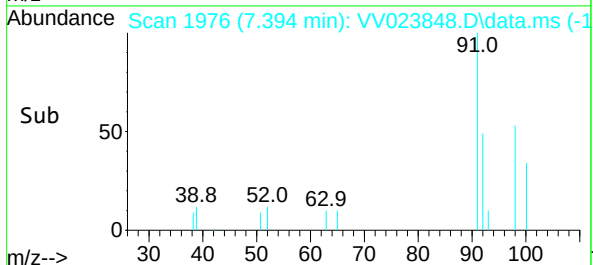
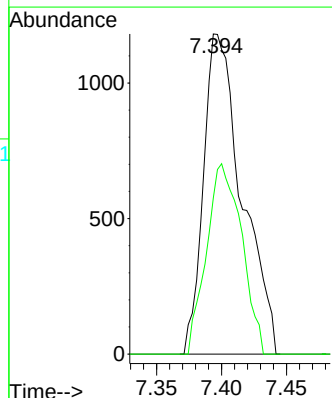
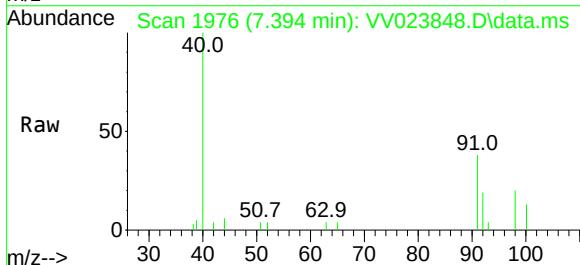
Acq: 08 Dec 2021 19:43

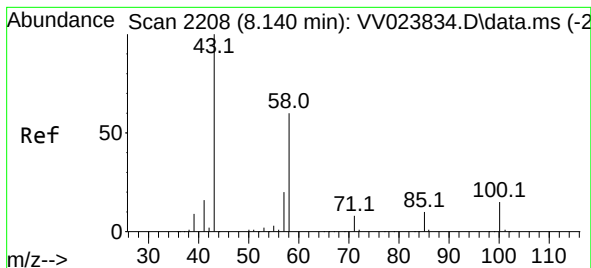
Tgt Ion: 91 Resp: 2439

Ion Ratio Lower Upper

91 100

92 48.8 41.5 77.1





#48

2-Hexanone

Concen: 0.792 ug/L

RT: 8.143 min Scan# 2148

Delta R.T. 0.003 min

Lab File: VV023848.D

Acq: 08 Dec 2021 19:43

Instrument :

MSVOA_V

ClientSampleId :

C0CR1

Tgt Ion: 43 Resp: 2148

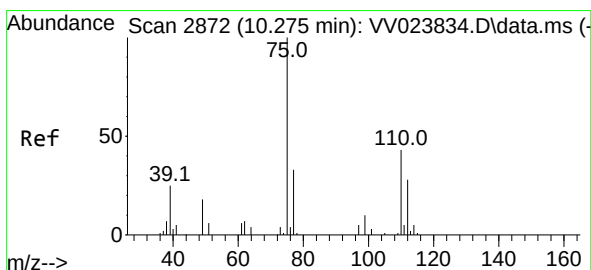
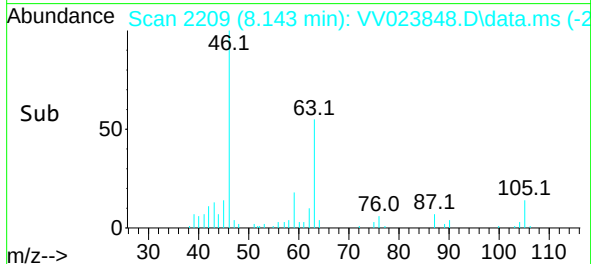
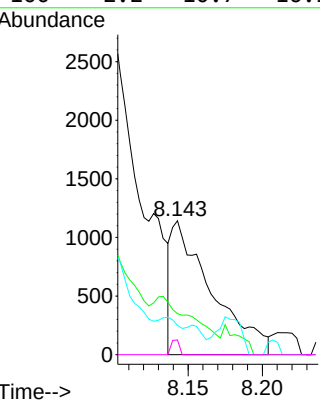
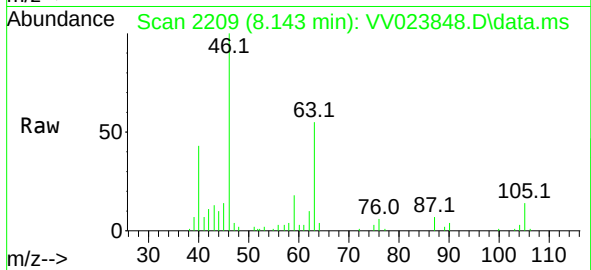
Ion Ratio Lower Upper

43 100

58 44.4 44.5 66.7#

57 0.0 15.1 22.7#

100 2.2 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.520 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV023848.D

Acq: 08 Dec 2021 19:43

Tgt Ion: 75 Resp: 5995

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6

110 3.2 34.2 51.2#

