

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120821\
 Data File : VW023845.D
 Acq On : 08 Dec 2021 18:32
 Operator : SY/MD
 Sample : M4889-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CQ2

Quant Time: Dec 09 00:35:08 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)

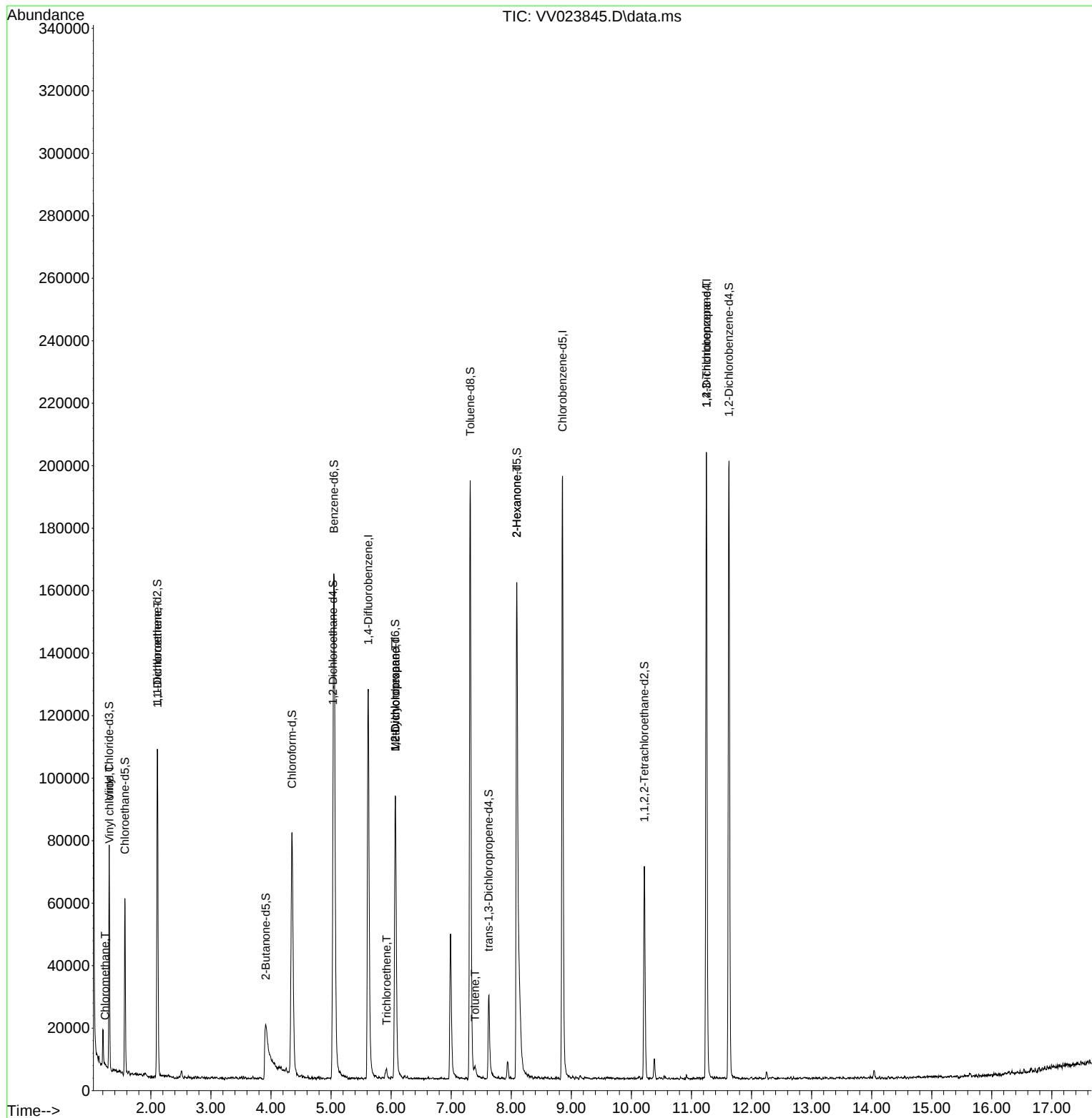
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114733	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41677	4.425	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.568	69	32942	4.449	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.108	63	55049	3.316	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.400%	
20) 2-Butanone-d5	3.912	46	39556	34.935	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.880%	
24) Chloroform-d	4.349	84	80097	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37625	4.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.050	84	145944	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.069	67	42271	5.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.317	98	130517	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.625	79	17385	5.152	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.000%	
46) 2-Hexanone-d5	8.092	63	75412	67.263	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	134.520%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31919	5.299	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53354	5.568	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	503	0.053	ug/L	86
5) Vinyl chloride	1.311	62	850	0.086	ug/L #	18
12) 1,1-Dichloroethene	2.111	96	725	0.094	ug/L #	1
34) Trichloroethene	5.928	95	540	0.065	ug/L	94
35) Methylcyclohexane	6.072	83	11289	0.865	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5214	0.702	ug/L #	84
42) Toluene	7.397	91	2395	0.071	ug/L	92
48) 2-Hexanone	8.092	43	7876	3.005	ug/L #	61
61) 1,2,3-Trichloropropane	11.249	75	5371	1.397	ug/L #	64

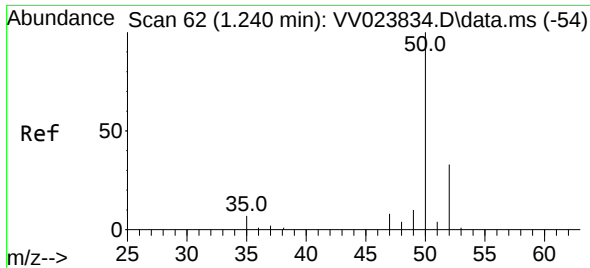
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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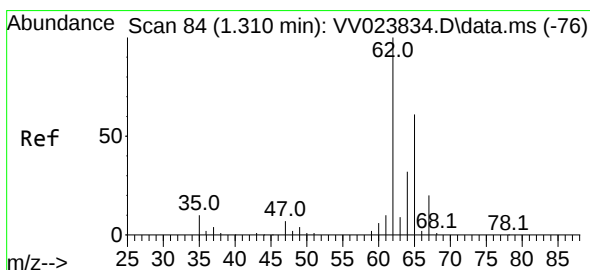
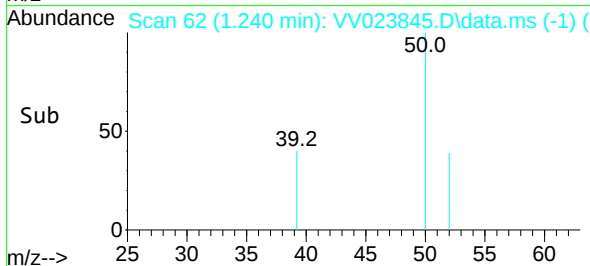
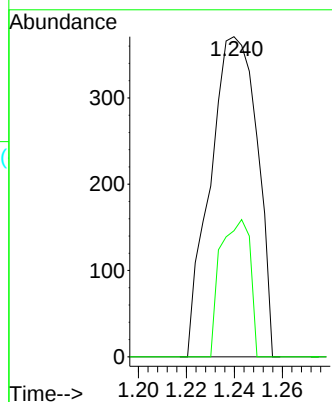
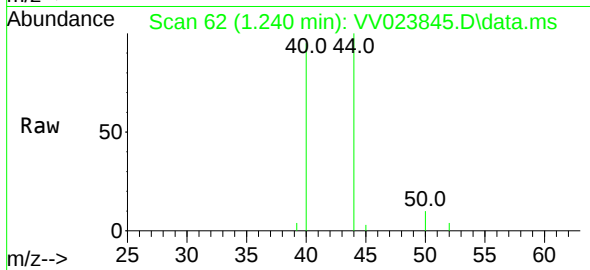




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023845.D
Acq: 08 Dec 2021 18:32

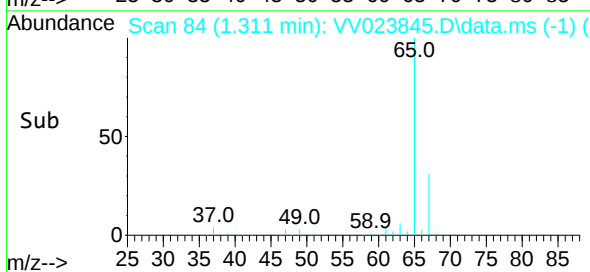
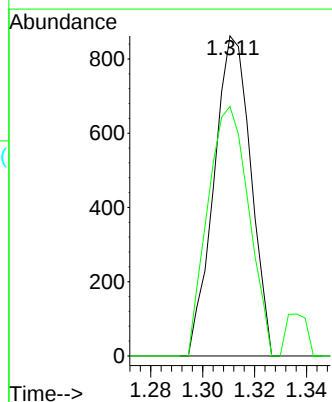
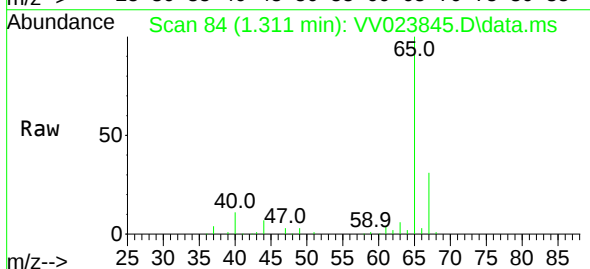
Instrument :
MSVOA_V
ClientSampleId :
C0CQ2

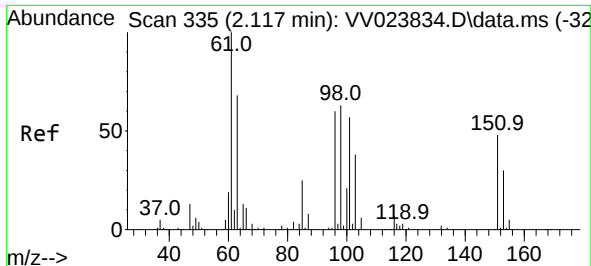
Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 39.4 22.0 41.0



#5
Vinyl chloride
Concen: 0.086 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023845.D
Acq: 08 Dec 2021 18:32

Tgt Ion: 62 Resp: 850
Ion Ratio Lower Upper
62 100
64 78.0 22.4 41.6#





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023845.D

Acq: 08 Dec 2021 18:32

Instrument :

MSVOA_V

ClientSampleId :

C0CQ2

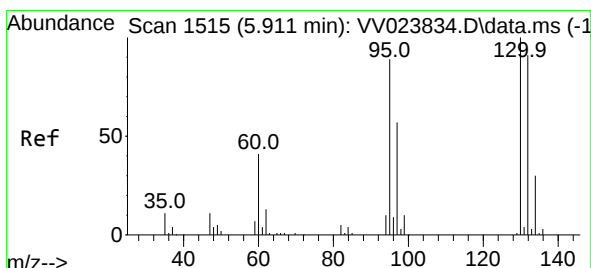
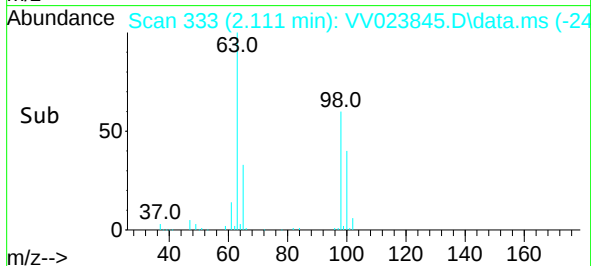
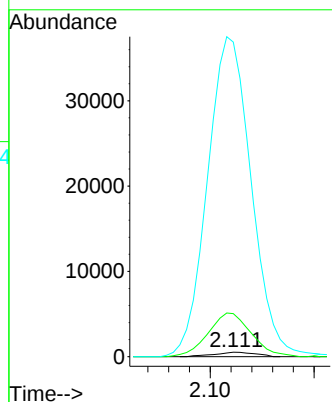
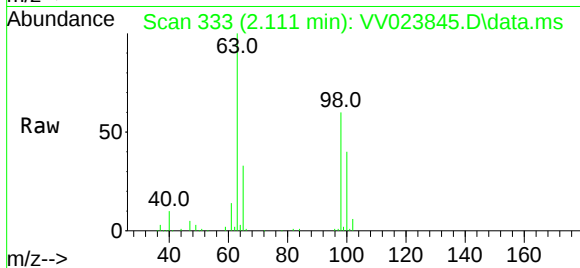
Tgt Ion: 96 Resp: 725

Ion Ratio Lower Upper

96 100

61 959.5 116.1 215.5#

63 7012.9 79.4 147.4#



#34

Trichloroethene

Concen: 0.065 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.016 min

Lab File: VV023845.D

Acq: 08 Dec 2021 18:32

Tgt Ion: 95 Resp: 540

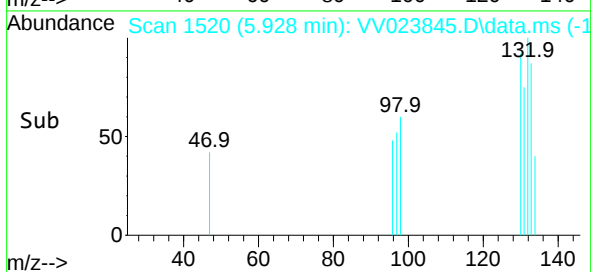
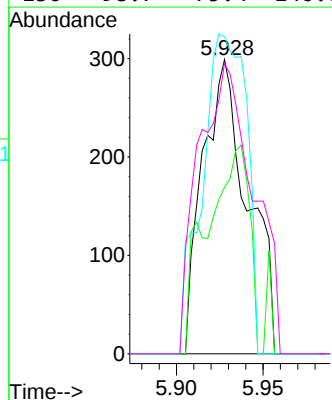
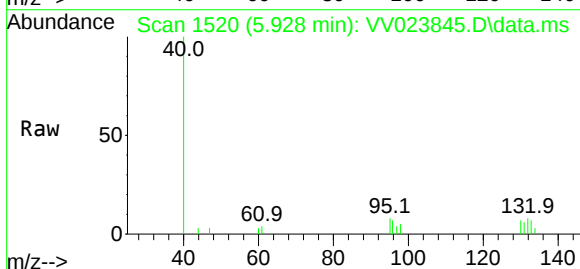
Ion Ratio Lower Upper

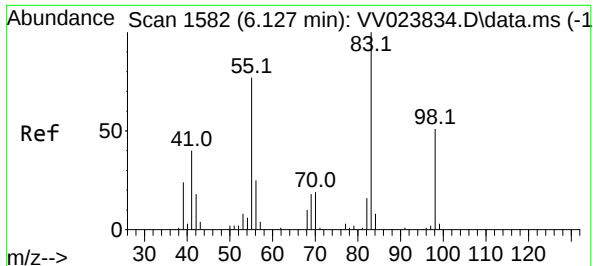
95 100

97 56.5 45.2 84.0

132 107.7 76.1 141.3

130 98.7 75.4 140.0





#35

Methylcyclohexane

Concen: 0.865 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV023845.D

Acq: 08 Dec 2021 18:32

Instrument :

MSVOA_V

ClientSampleId :

C0CQ2

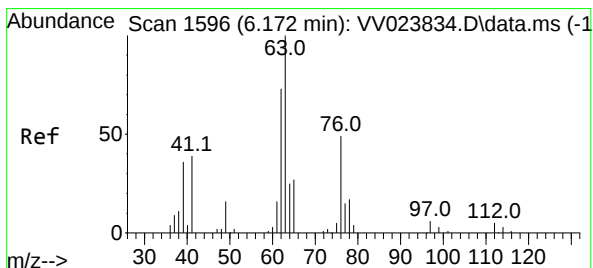
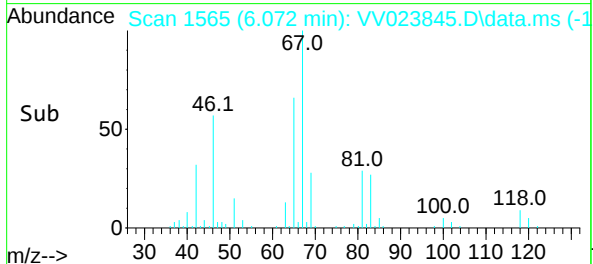
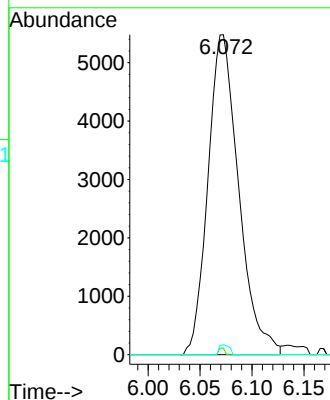
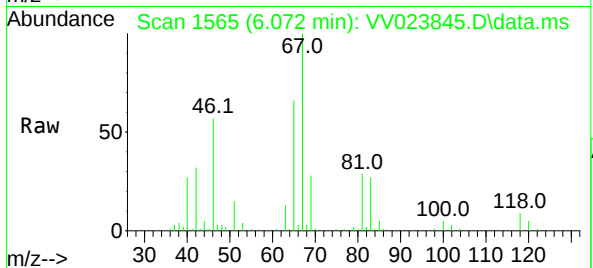
Tgt Ion: 83 Resp: 11289

Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.2#

98 1.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.702 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV023845.D

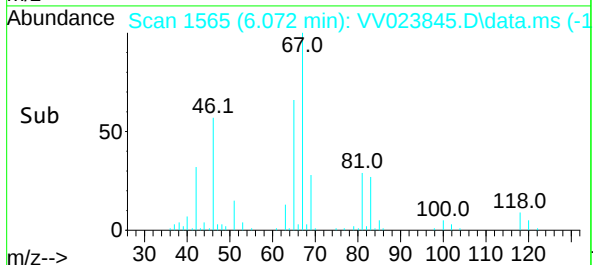
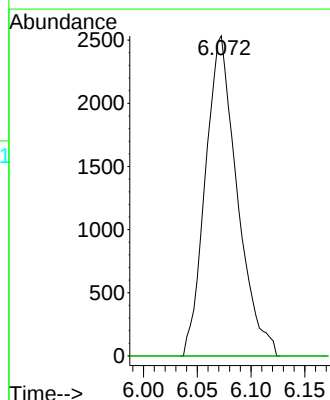
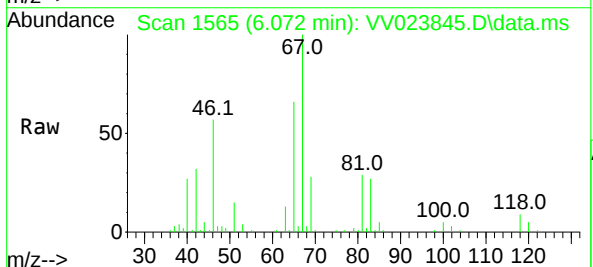
Acq: 08 Dec 2021 18:32

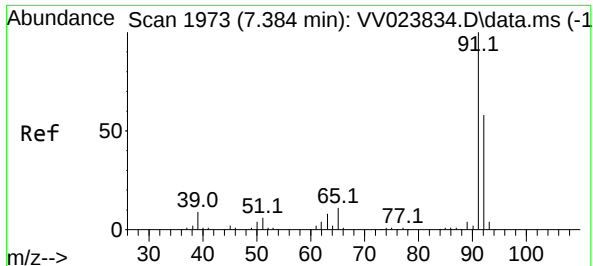
Tgt Ion: 63 Resp: 5214

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.071 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023845.D

Acq: 08 Dec 2021 18:32

Instrument :

MSVOA_V

ClientSampleId :

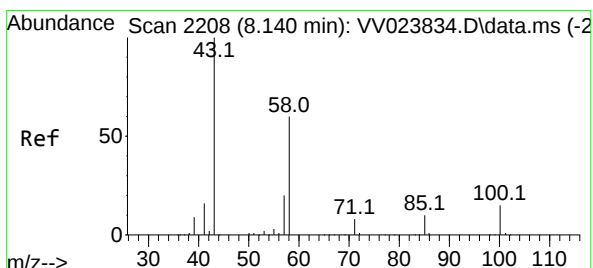
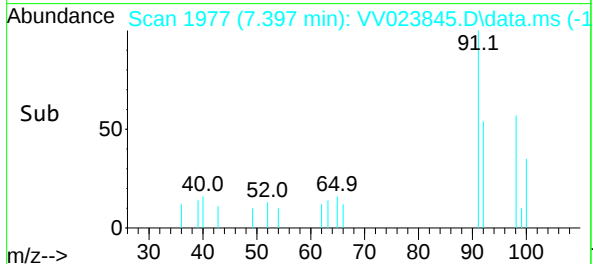
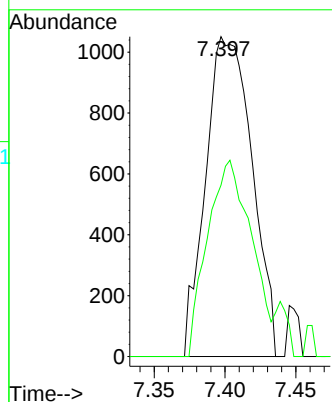
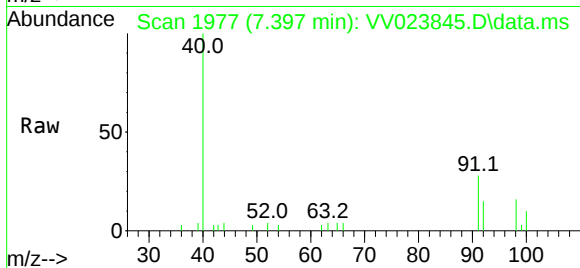
C0CQ2

Tgt Ion: 91 Resp: 2395

Ion Ratio Lower Upper

91 100

92 53.6 41.5 77.1



#48

2-Hexanone

Concen: 3.005 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023845.D

Acq: 08 Dec 2021 18:32

Tgt Ion: 43 Resp: 7876

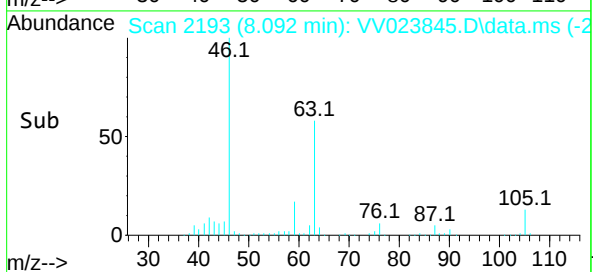
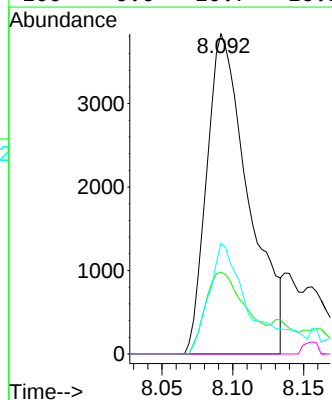
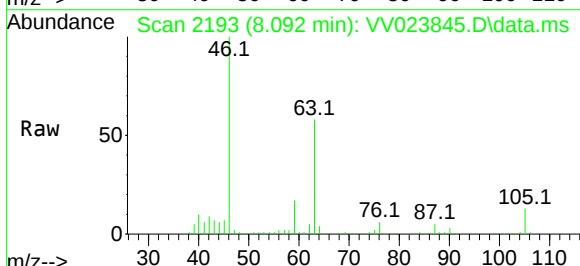
Ion Ratio Lower Upper

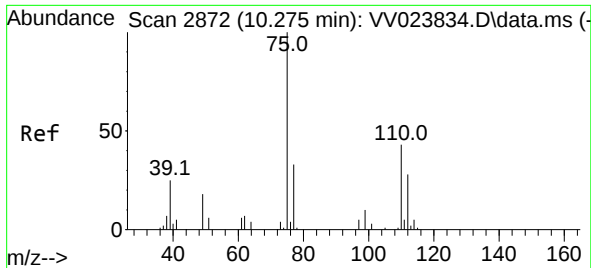
43 100

58 25.1 44.5 66.7#

57 34.7 15.1 22.7#

100 0.0 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV023845.D

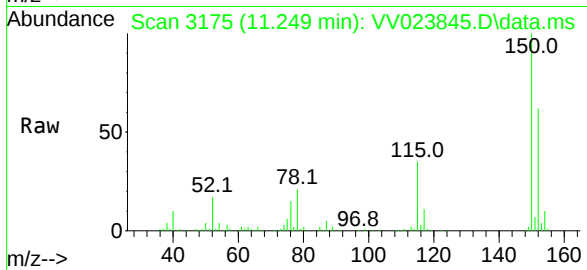
Acq: 08 Dec 2021 18:32

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 5371

Ion Ratio Lower Upper

75 100

77 33.6 26.4 39.6

110 2.6 34.2 51.2#

