

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021400.D
 Acq On : 25 May 2021 20:01
 Operator : SY/MD
 Sample : M3496-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB435

Quant Time: May 26 07:54:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

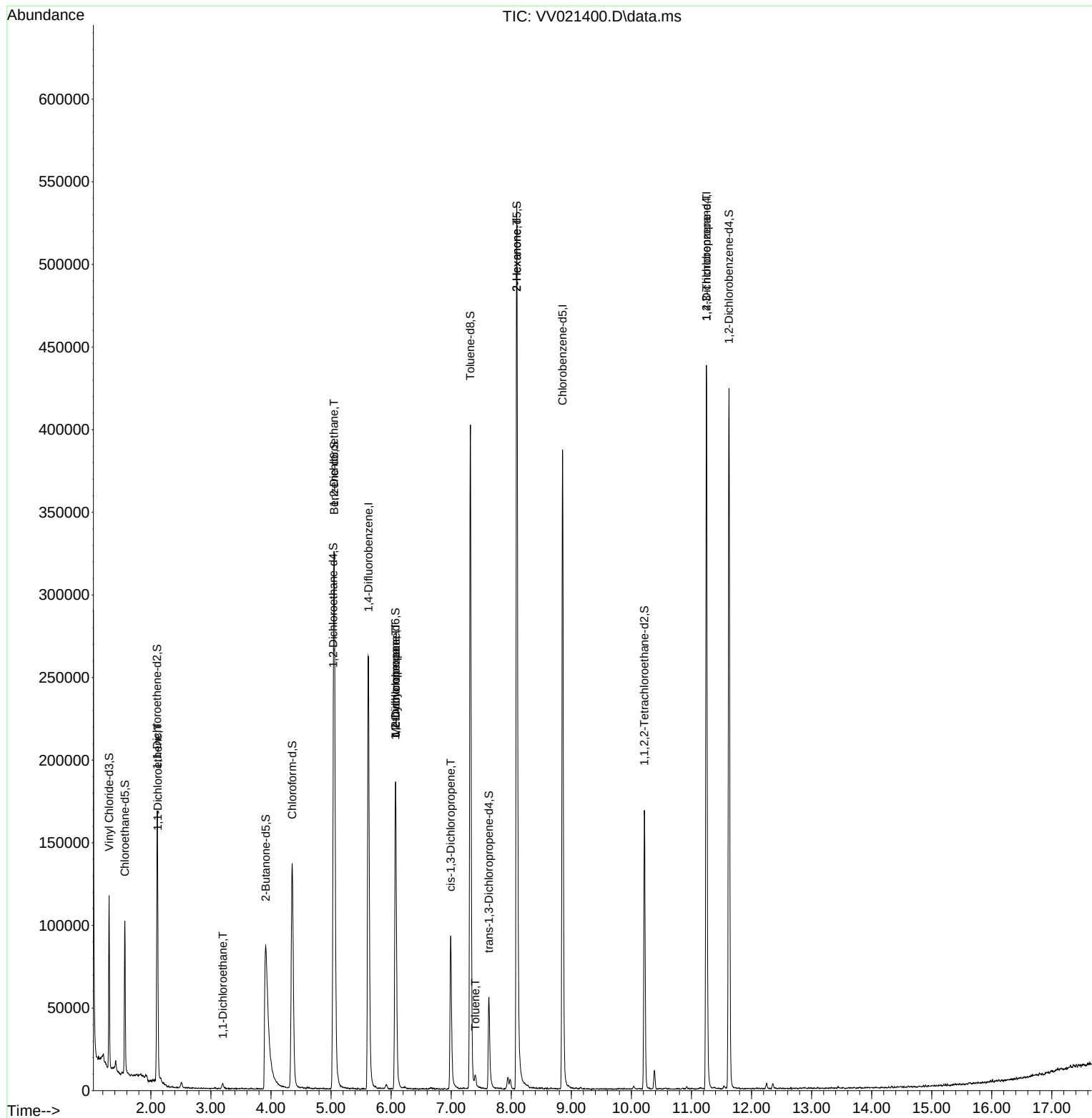
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	247116	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228410	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125130	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	62316	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.568	69	56454	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.105	63	83061	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.912	46	241016	64.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.26%
24) Chloroform-d	4.352	84	148363	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.037	65	73751	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.053	84	299263	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.072	67	96219	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.320	98	274563	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
43) trans-1,3-Dichloroprop...	7.628	79	36318	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.091	63	207732	59.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.94%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	81725	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	119134	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	3365	0.27	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	3447	0.13	ug/L #	82
27) 1,2-Dichloroethane	5.050	62	1661	0.11	ug/L	95
35) Methylcyclohexane	6.075	83	23029	0.85	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	10239	0.69	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	2280	0.10	ug/L #	61
42) Toluene	7.400	91	5641	0.09	ug/L	92
48) 2-Hexanone	8.091	43	22923	3.73	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	12146	1.37	ug/L #	65

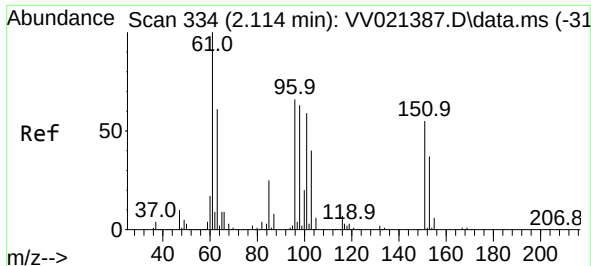
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.27 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021400.D

Acq: 25 May 2021 20:01

Instrument :

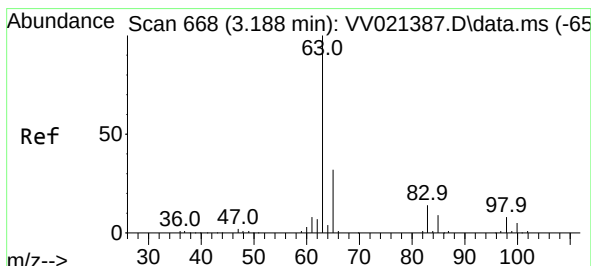
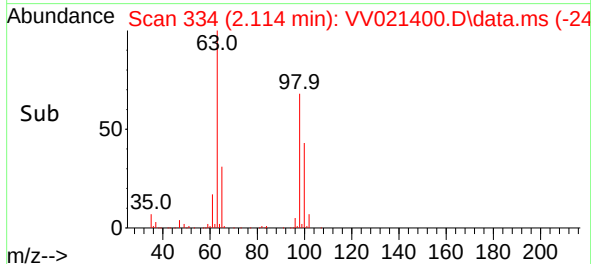
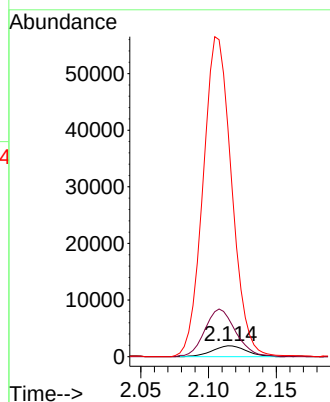
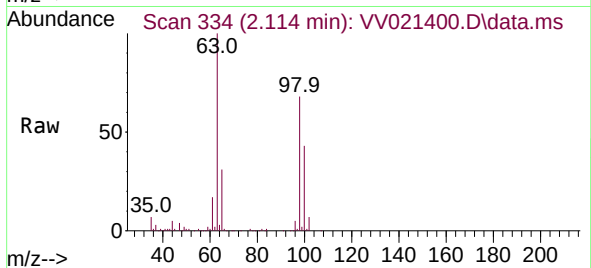
MSVOA_V

ClientSampleId :

GB435

Tgt Ion: 96 Resp: 3365

Ion	Ratio	Lower	Upper
96	100		
61	359.8	103.7	192.5#
63	2101.1	62.4	115.8#



#19

1,1-Dichloroethane

Concen: 0.13 ug/L

RT: 3.198 min Scan# 671

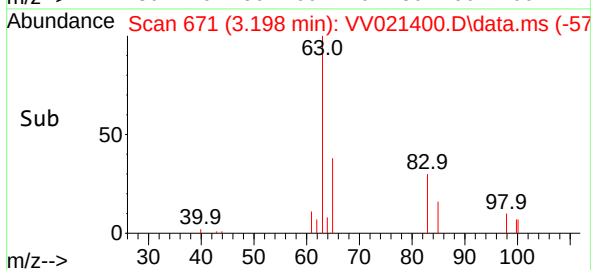
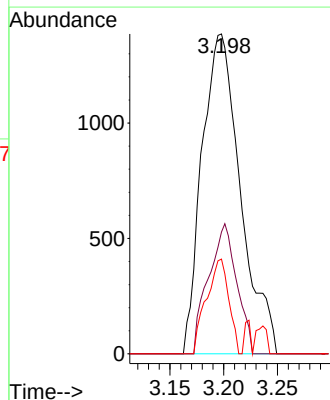
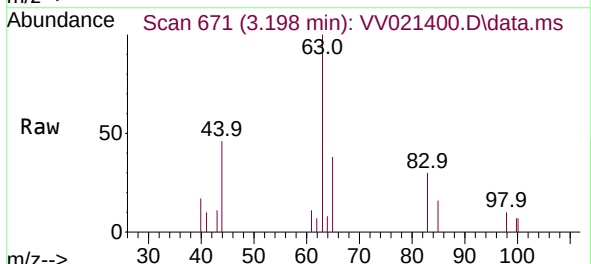
Delta R.T. 0.010 min

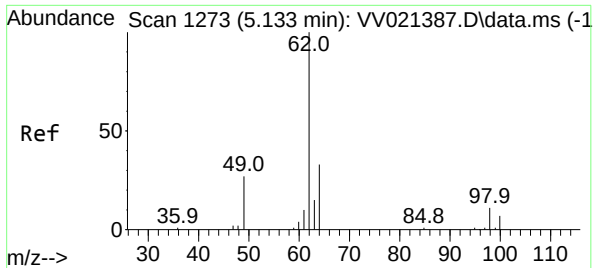
Lab File: VV021400.D

Acq: 25 May 2021 20:01

Tgt Ion: 63 Resp: 3447

Ion	Ratio	Lower	Upper
63	100		
65	38.1	23.2	43.2
83	29.7	9.4	17.4#





#27

1,2-Dichloroethane

Concen: 0.11 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.084 min

Lab File: VV021400.D

Acq: 25 May 2021 20:01

Tgt Ion: 62 Resp: 1661

Ion Ratio Lower Upper

62 100

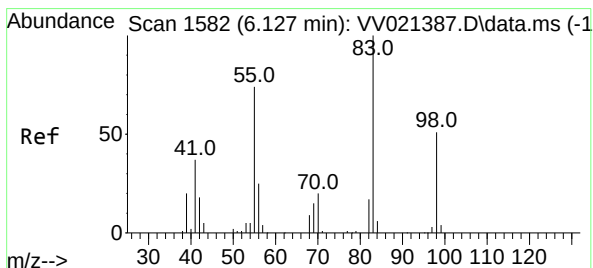
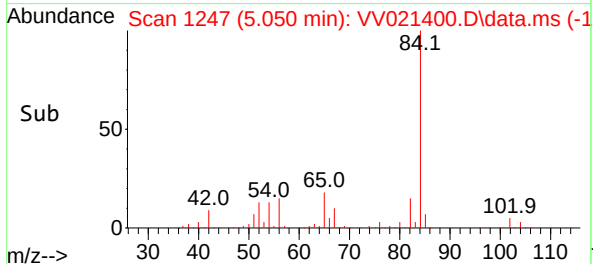
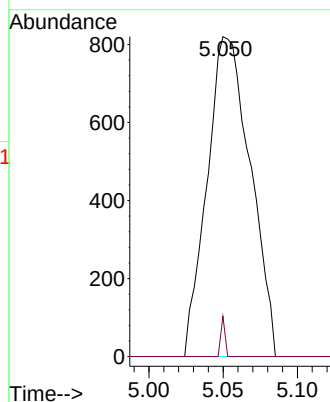
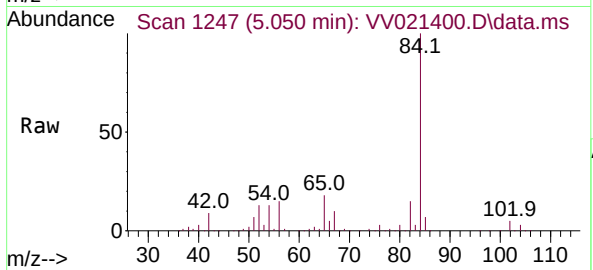
98 12.6 8.4 12.6

Instrument :

MSVOA_V

ClientSampled :

GB435



#35

Methylcyclohexane

Concen: 0.85 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.051 min

Lab File: VV021400.D

Acq: 25 May 2021 20:01

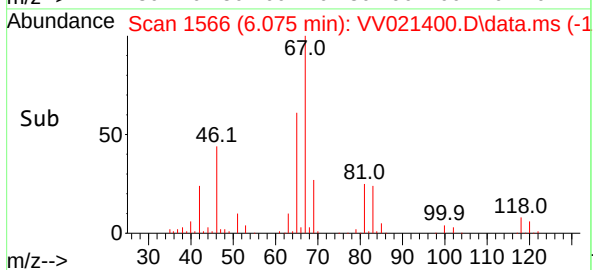
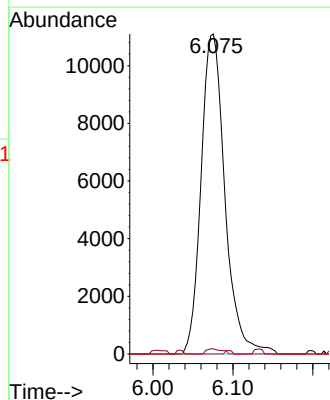
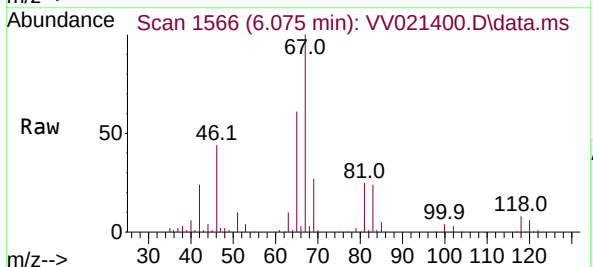
Tgt Ion: 83 Resp: 23029

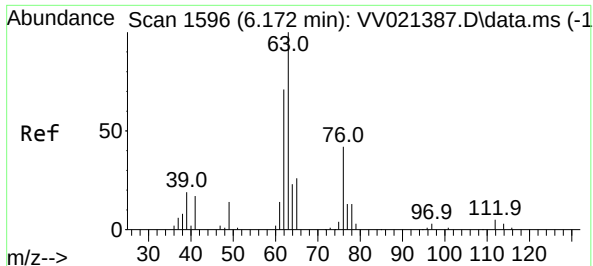
Ion Ratio Lower Upper

83 100

55 1.2 57.7 86.5#

98 0.1 40.6 61.0#

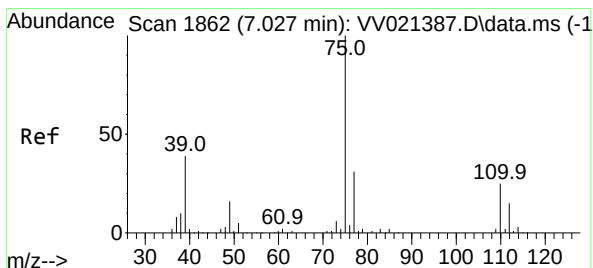
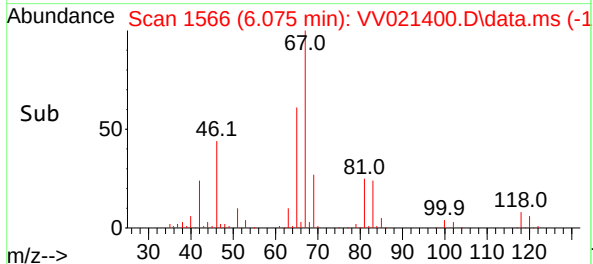
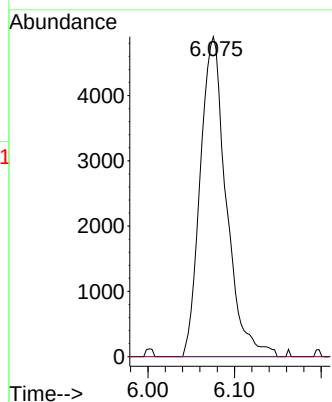
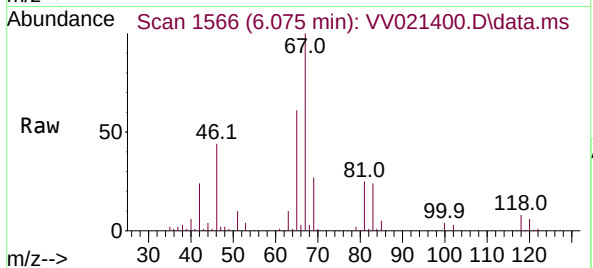




#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV021400.D
Acq: 25 May 2021 20:01

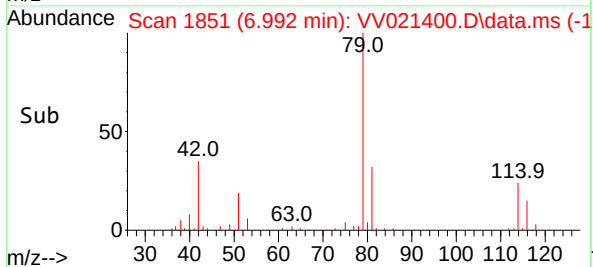
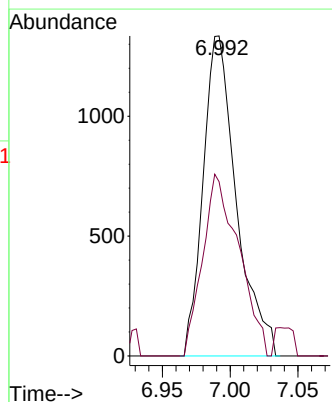
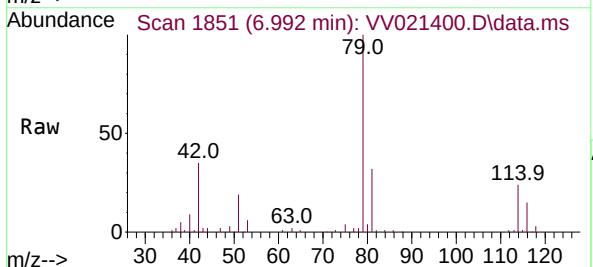
Instrument :
MSVOA_V
ClientSampled :
GB435

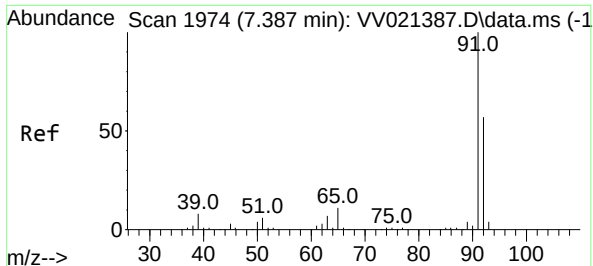
Tgt Ion: 63 Resp: 10239
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV021400.D
Acq: 25 May 2021 20:01

Tgt Ion: 75 Resp: 2280
Ion Ratio Lower Upper
75 100
77 54.5 22.8 42.4#





#42

Toluene

Concen: 0.09 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV021400.D

Acq: 25 May 2021 20:01

Tgt Ion: 91 Resp: 5641

Ion Ratio Lower Upper

91 100

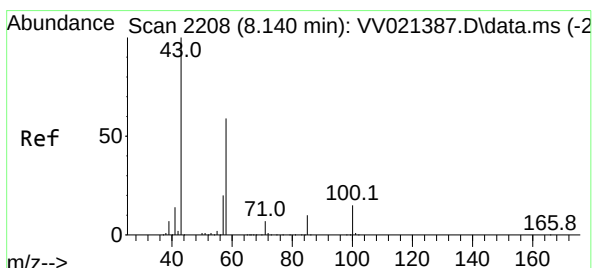
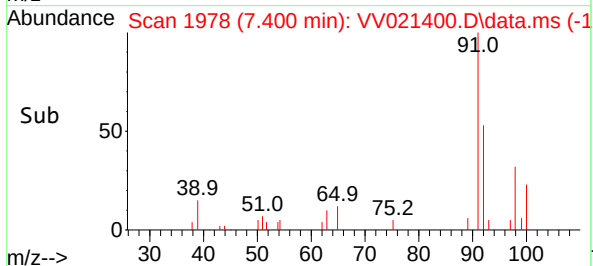
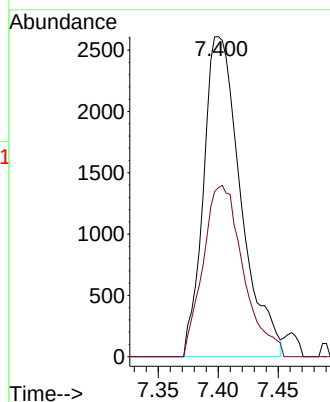
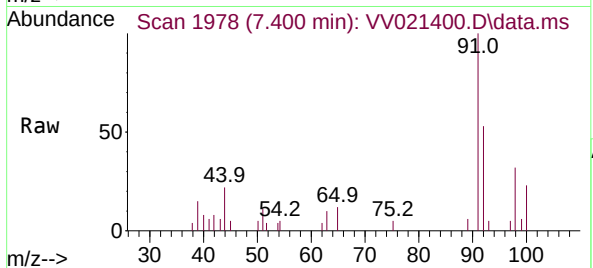
92 52.9 40.9 76.0

Instrument :

MSVOA_V

ClientSampled :

GB435



#48

2-Hexanone

Concen: 3.73 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV021400.D

Acq: 25 May 2021 20:01

Tgt Ion: 43 Resp: 22923

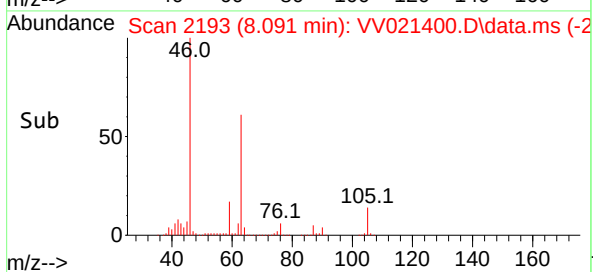
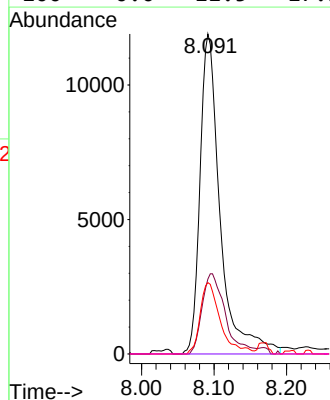
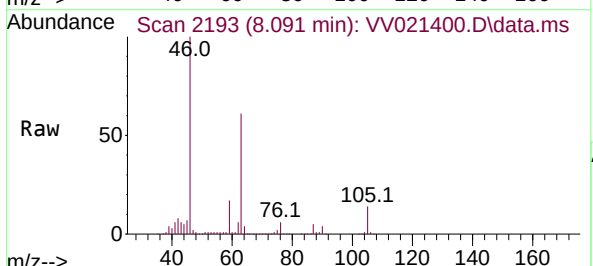
Ion Ratio Lower Upper

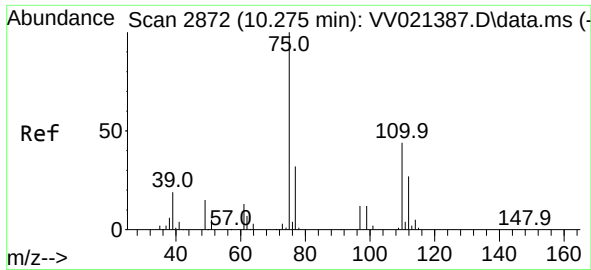
43 100

58 28.9 47.0 70.4#

57 21.7 15.4 23.2

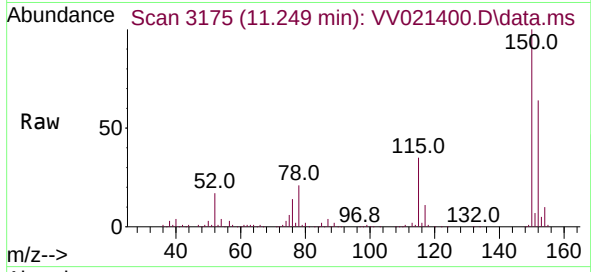
100 0.0 11.5 17.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.37 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021400.D
 Acq: 25 May 2021 20:01

Instrument :
 MSVOA_V
 ClientSampleId :
 GB435



Tgt Ion: 75	Resp: 12146
Ion Ratio	Lower Upper
75	100
77	33.4 27.3 40.9
110	3.5 34.2 51.2#

