

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016287.D
 Acq On : 28 May 2020 19:24
 Operator : SY/MD
 Sample : L2756-10DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:18:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	89176	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86058	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21090	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.58	69	20701	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.12	63	31638	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.94	46	68440	48.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.37	84	47932	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.06	65	27637	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.07	84	93711	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.09	67	29258	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.34	98	81715	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
45) trans-1,3-Dichloropropene-	7.64	79	9161	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
48) 2-Hexanone-d5	8.12	63	48825	43.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21139	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	29655	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

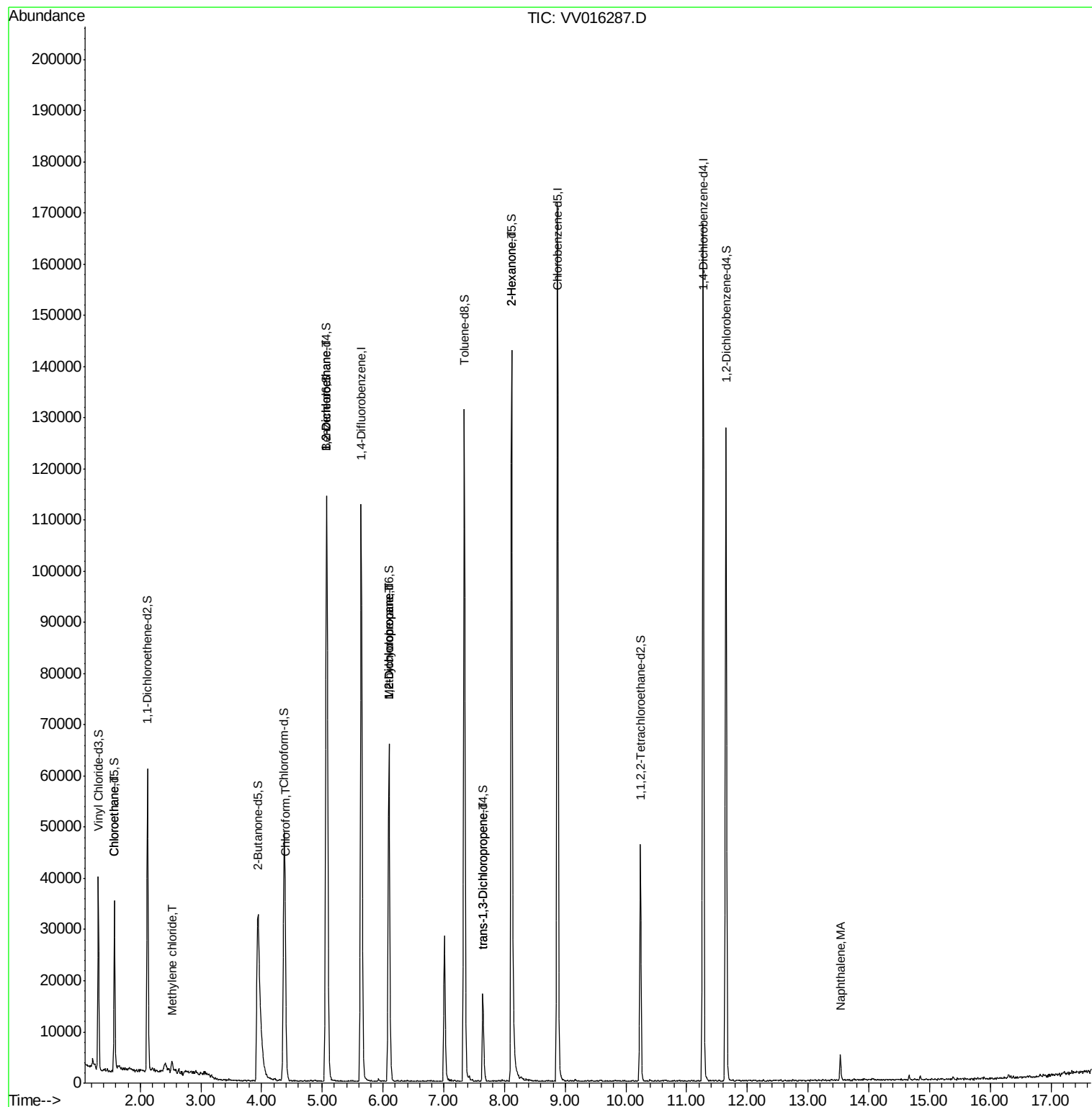
					Ovalue
8) Chloroethane	1.58	64	493	0.113 ug/L #	42
16) Methylene chloride	2.52	84	712	0.118 ug/L	96
25) Chloroform	4.40	83	1502	0.130 ug/L	92
27) 1,2-Dichloroethane	5.07	62	696	0.092 ug/L #	79
35) Methylcyclohexane	6.10	83	7080	0.651 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3705	0.610 ug/L #	88
46) trans-1,3-Dichloropropene	7.65	75	394	0.055 ug/L #	78
50) 2-Hexanone	8.12	43	6506	2.469 ug/L #	76
70) Naphthalene	13.53	128	4232	0.264 ug/L #	93

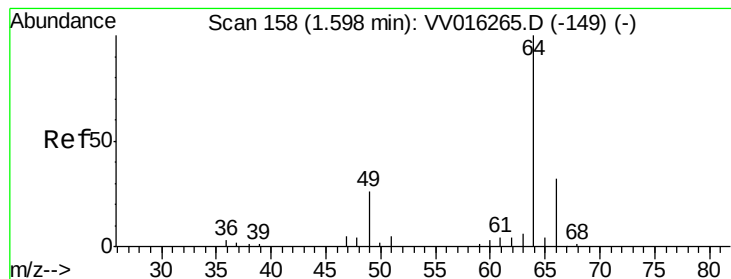
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV016287.D

Acq: 28 May 2020 19:24

Instrument :

MSVOA_V

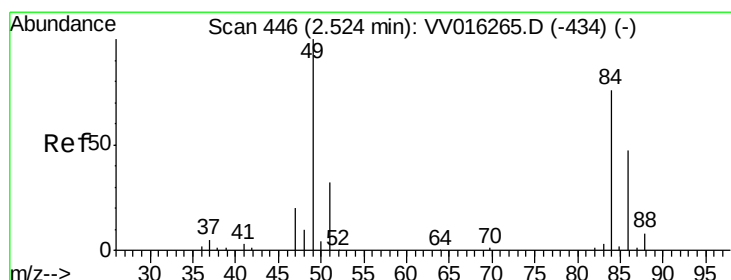
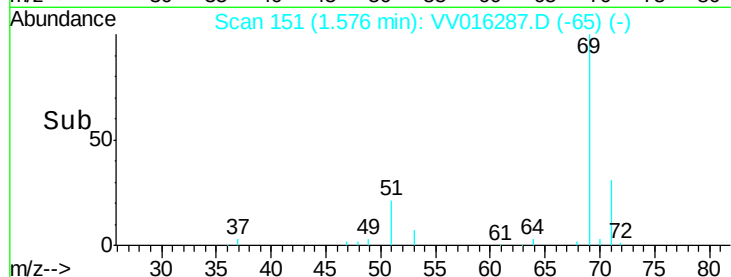
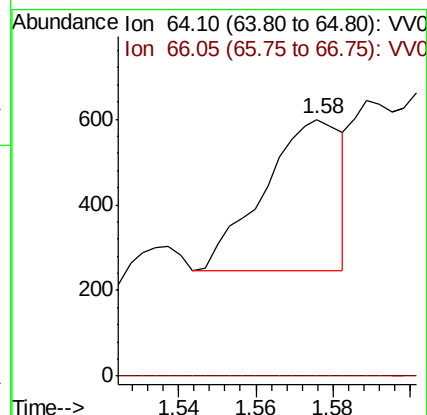
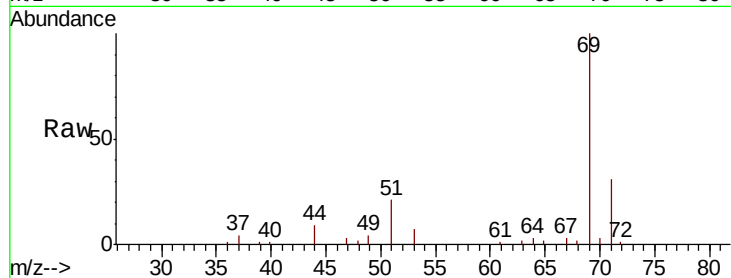
ClientSampleId :

Tot Ion: 64 Resp: 493

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#



#16

Methylene chloride

Concen: 0.118 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV016287.D

Acq: 28 May 2020 19:24

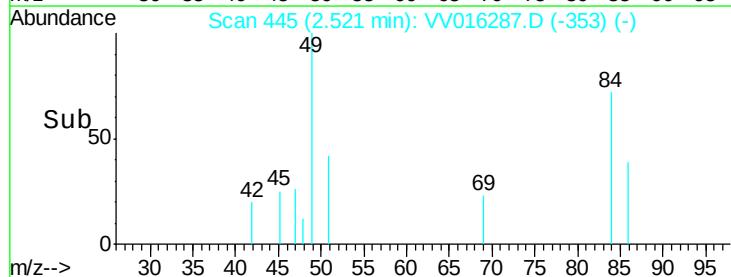
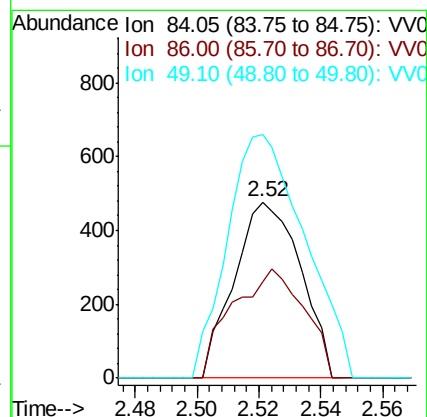
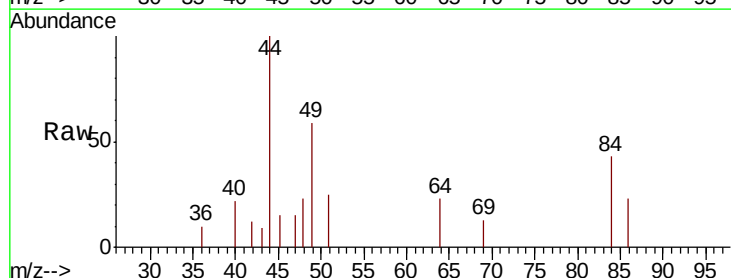
Tgt Ion: 84 Resp: 712

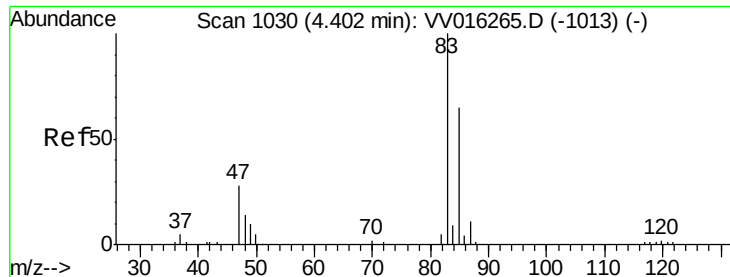
Ion Ratio Lower Upper

84 100

86 54.4 44.9 83.5

49 138.1 96.7 179.7

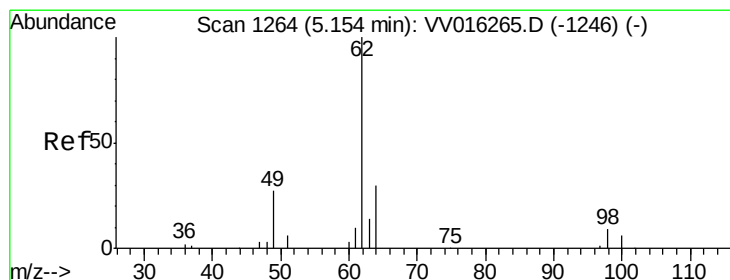
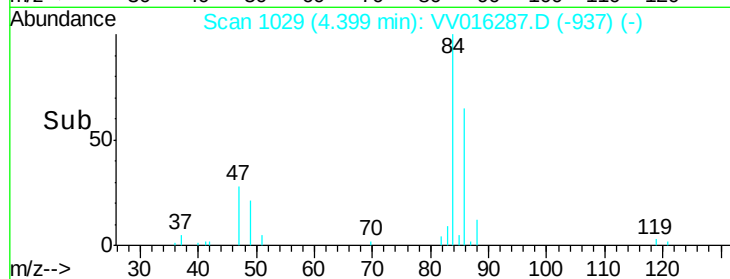
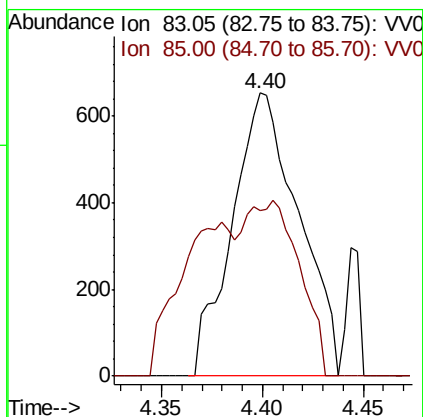
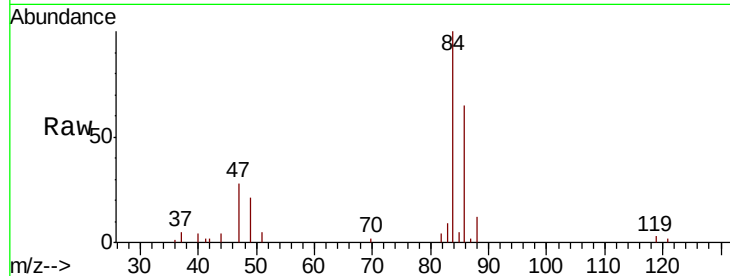




#25
Chloroform
Concen: 0.130 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016287.D
Acq: 28 May 2020 19:24

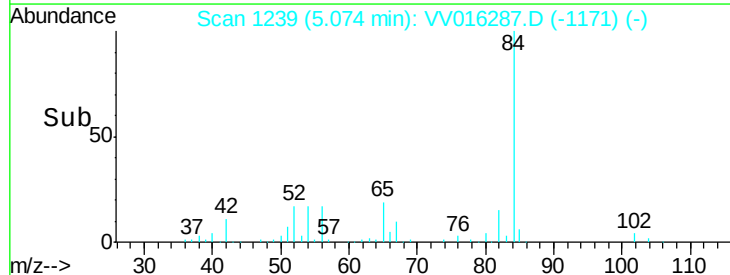
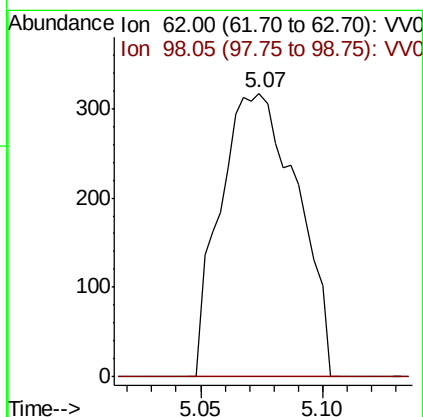
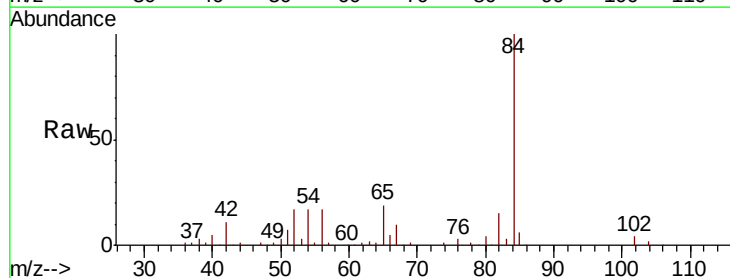
Instrument :
MSVOA_V
ClientSampleId :

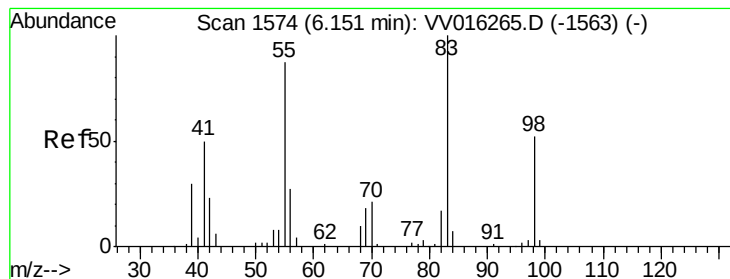
Tot Ion: 83 Resp: 1502
Ion Ratio Lower Upper
83 100
85 58.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016287.D
Acq: 28 May 2020 19:24

Tgt Ion: 62 Resp: 696
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





#35

Methvlcvclohexane

Concen: 0.651 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016287.D

Acq: 28 May 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

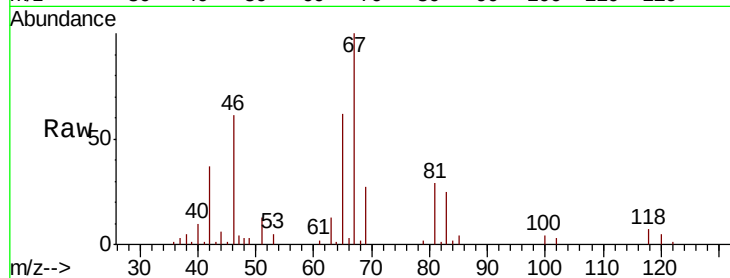
Tot Ion: 83 Resp: 7080

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

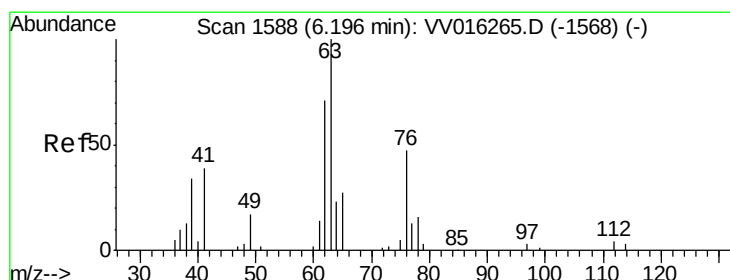
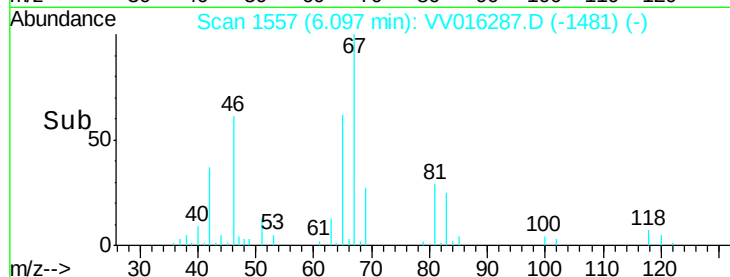
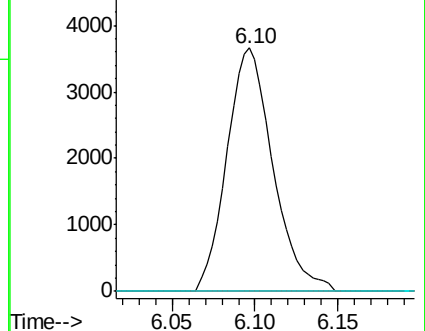
98 0.0 39.3 58.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016287.D

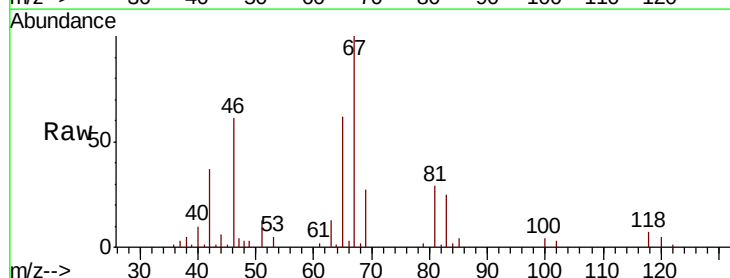
Acq: 28 May 2020 19:24

Tgt Ion: 63 Resp: 3705

Ion Ratio Lower Upper

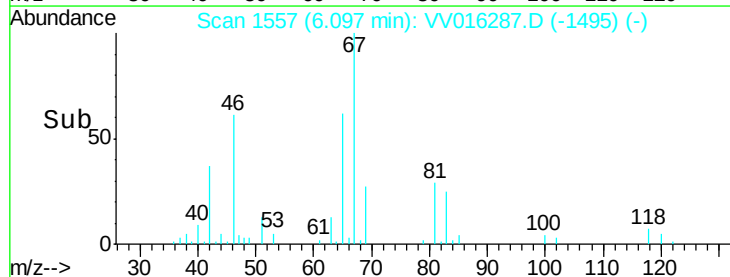
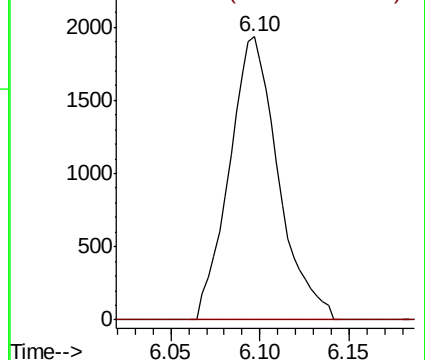
63 100

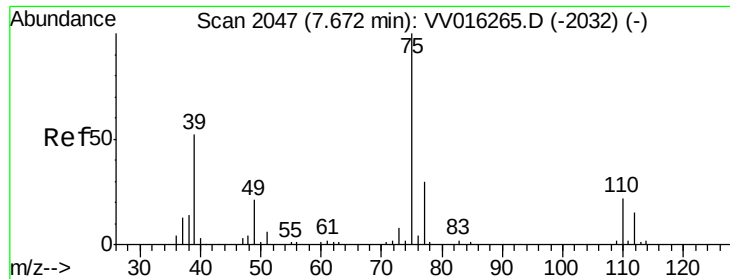
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

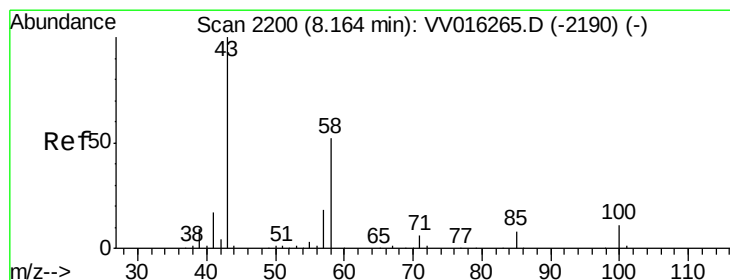
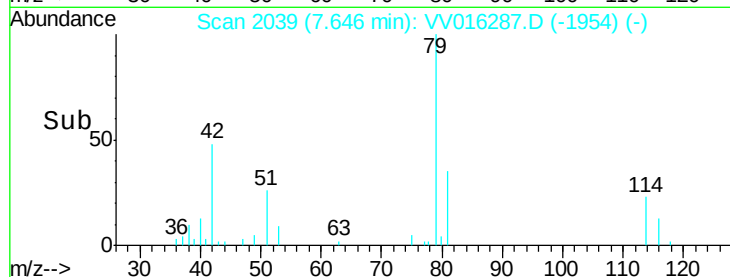
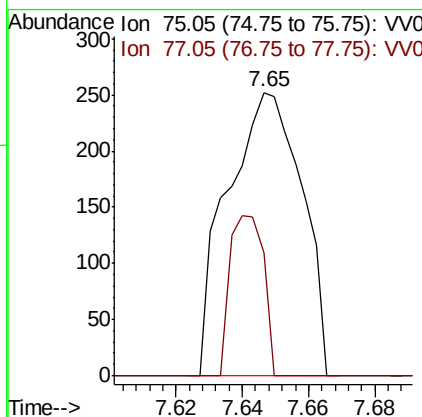
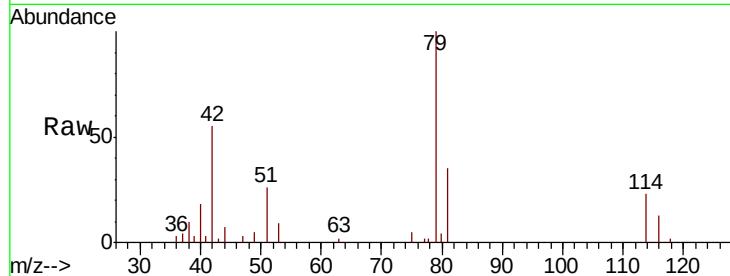




#46
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016287.D
Acq: 28 May 2020 19:24

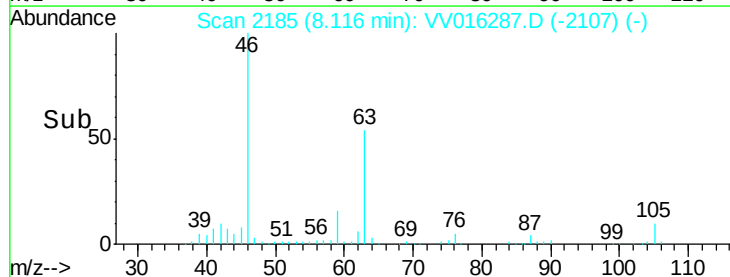
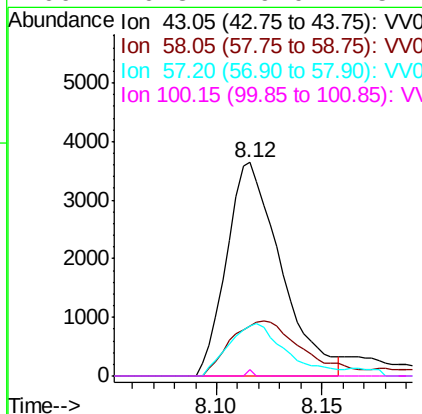
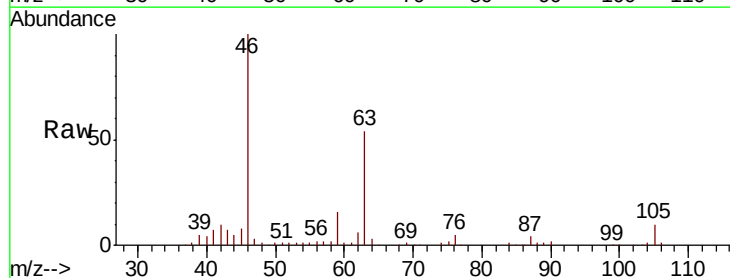
Instrument :
MSVOA_V
ClientSampleId :

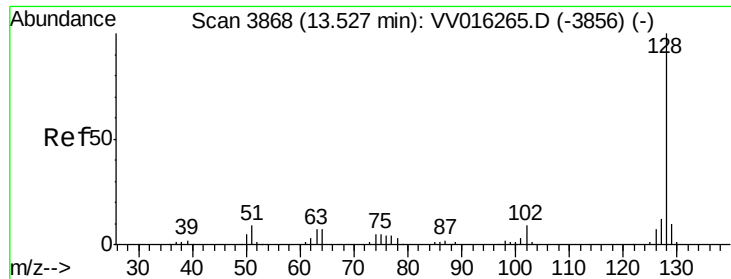
Tot Ion: 75 Resp: 394
Ion Ratio Lower Upper
75 100
77 43.3 21.7 40.3#



#50
2-Hexanone
Concen: 2.469 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016287.D
Acq: 28 May 2020 19:24

Tgt Ion: 43 Resp: 6506
Ion Ratio Lower Upper
43 100
58 33.9 41.4 62.0#
57 26.1 15.0 22.4#
100 0.3 9.0 13.4#





#70

Naphthalene

Concen: 0.264 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016287.D

Acq: 28 May 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

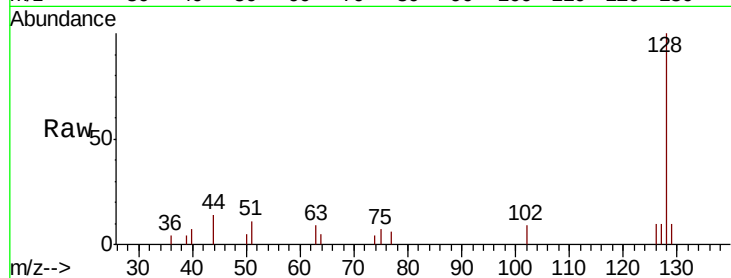
Tot Ion:128 Resp: 4232

Ion Ratio Lower Upper

128 100

129 9.1 8.6 13.0

127 9.7 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

