

Data File : VV013429.D
Acq On : 30 Oct 2019 13:26
Operator : SY/MD
Sample : K5597-05DL2 100X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

Quant Time: Oct 31 02:45:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	381711	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397074	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	223215	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136937	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	115341	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.13	63	171754	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	3.96	46	406491	49.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.44%
24) Chloroform-d	4.40	84	301319	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.08	65	158699	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	609210	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	192789	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	518191	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	64165	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	246423	48.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134387	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	212489	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
8) Chloroethane	1.52	64	4080	0.171 ug/L #	53
14) Carbon disulfide	2.31	76	3584	0.041 ug/L #	48
15) Methyl Acetate	2.55	43	74519	4.934 ug/L #	56
16) Methylene chloride	2.53	84	5893	0.139 ug/L #	82
25) Chloroform	4.42	83	10093	0.134 ug/L	95
27) 1,2-Dichloroethane	5.14	62	11434	0.274 ug/L #	80
30) Cyclohexane	4.72	56	111454	1.804 ug/L	99
33) Benzene	5.14	78	1428269	9.626 ug/L	100
35) Methylcyclohexane	6.17	83	98893	1.628 ug/L	91
42) Toluene	7.43	91	32722	0.211 ug/L	91
44) trans-1,3-Dichloropropene	7.66	75	3459	0.086 ug/L #	80
45) 1,1,2-Trichloroethane	7.83	97	9831	0.394 ug/L #	23
48) 2-Hexanone	8.18	43	21496	1.439 ug/L #	82
52) Ethylbenzene	9.05	91	36690	0.224 ug/L	100
53) m,p-xylene	9.18	106	25088	0.414 ug/L	93
56) Isopropylbenzene	9.97	105	47290	0.300 ug/L	97
69) Naphthalene	13.55	128	67695	1.060 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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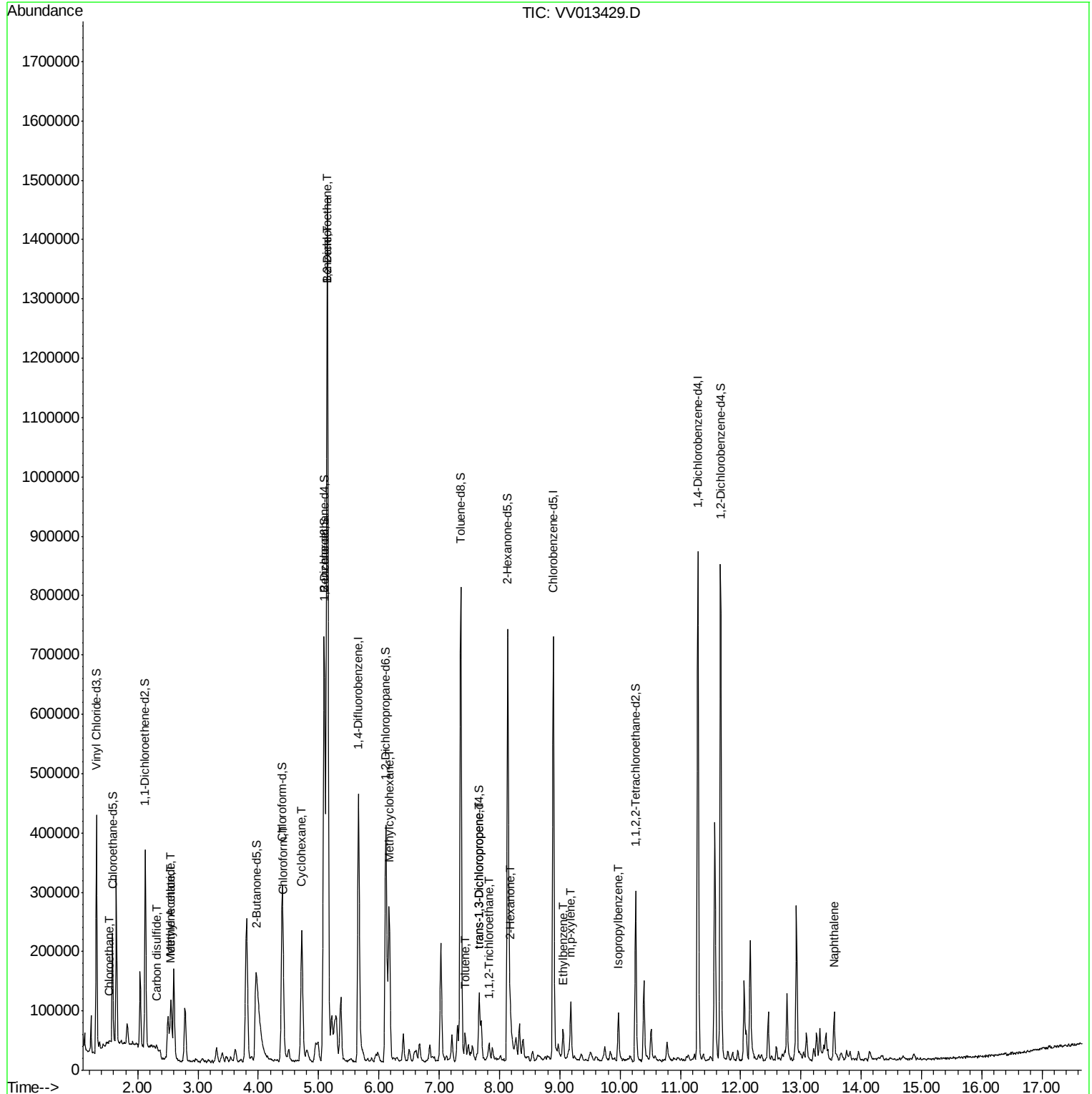
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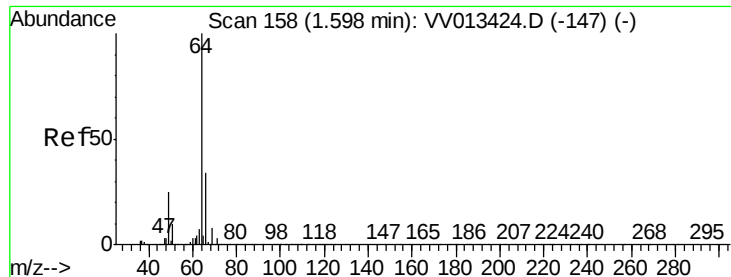
Data File : VV013429.D

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Acq On       : 30 Oct 2019   13:26
Operator     : SY/MD
Sample       : K5597-05DL2 100X
Misc         : 25.0ML/MSV0A_V/WATER
ALS Vial     : 8      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

Quant Time: Oct 31 02:45:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
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QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.171 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.07 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

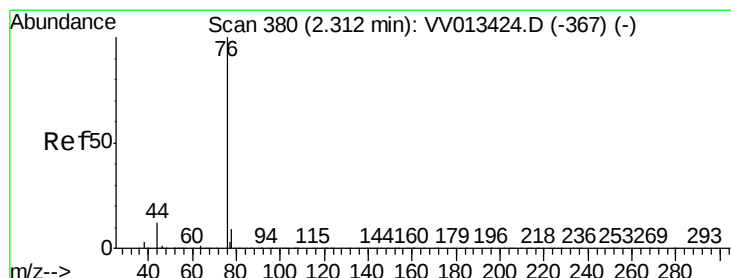
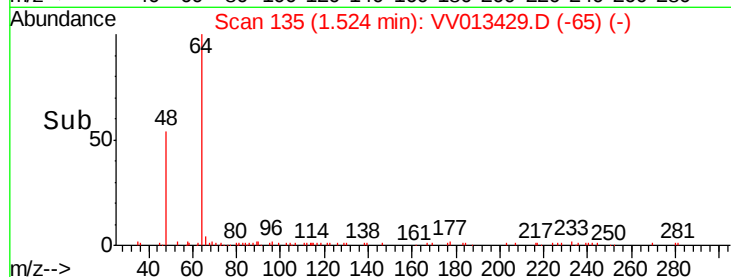
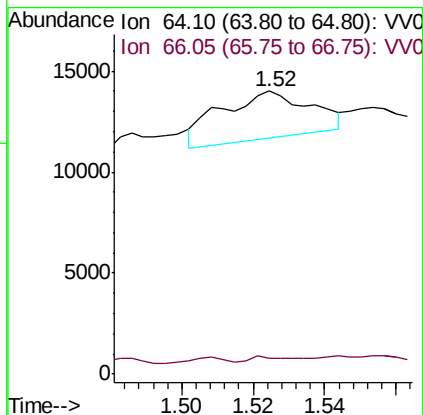
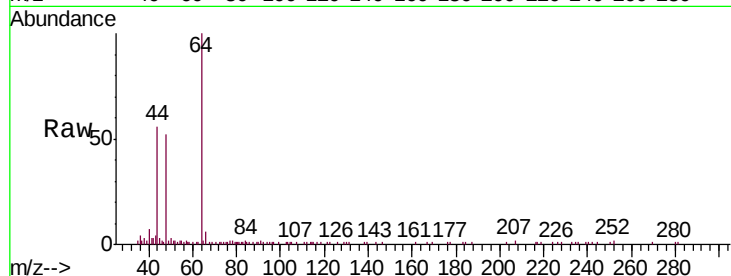
GAQD6DL2

Tgt Ion: 64 Resp: 4080

Ion Ratio Lower Upper

64 100

66 5.7 22.0 41.0#



#14

Carbon disulfide

Concen: 0.041 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013429.D

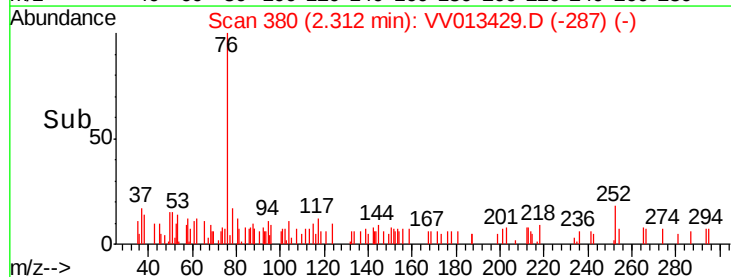
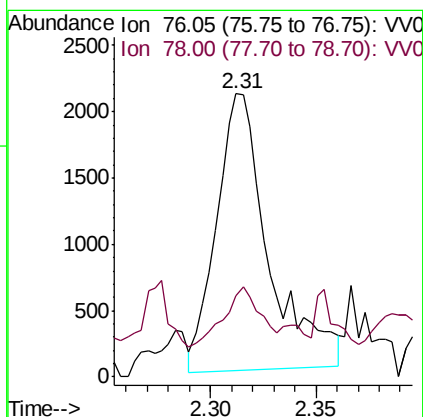
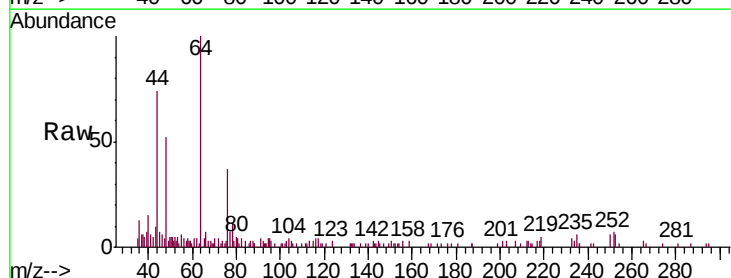
Acq: 30 Oct 2019 13:26

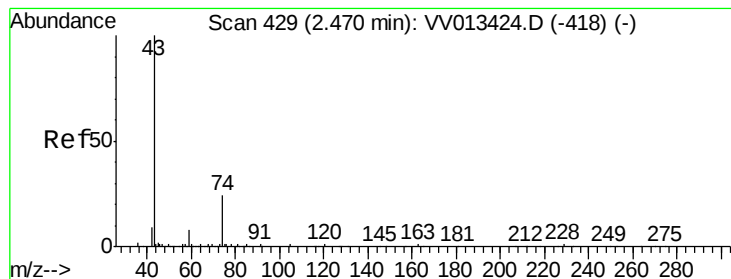
Tgt Ion: 76 Resp: 3584

Ion Ratio Lower Upper

76 100

78 28.5 7.5 11.3#





#15

Methyl Acetate

Concen: 4.934 ug/L

RT: 2.55 min Scan# 455

Delta R.T. 0.08 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

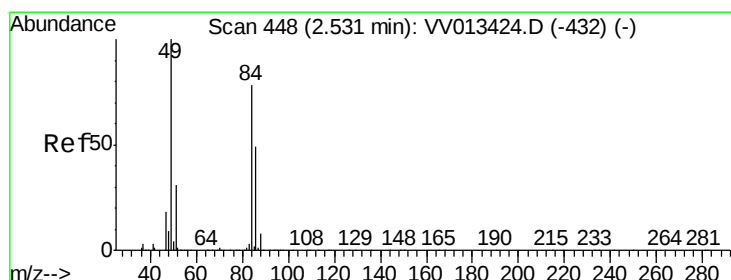
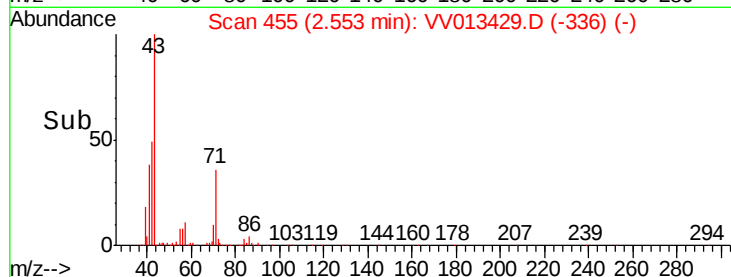
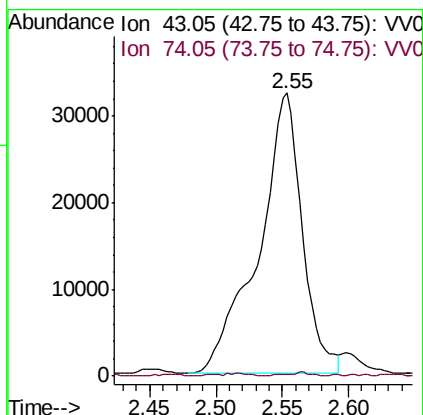
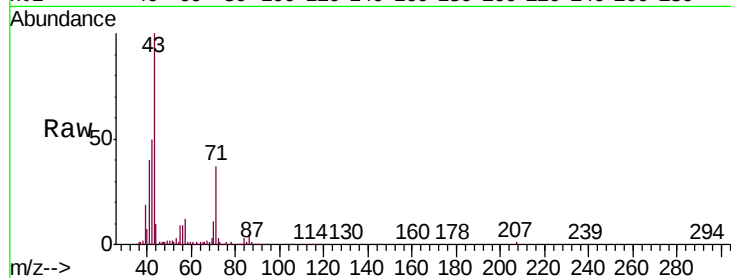
GAQD6DL2

Tgt Ion: 43 Resp: 74519

Ion Ratio Lower Upper

43 100

74 0.7 17.0 25.6#



#16

Methylene chloride

Concen: 0.139 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

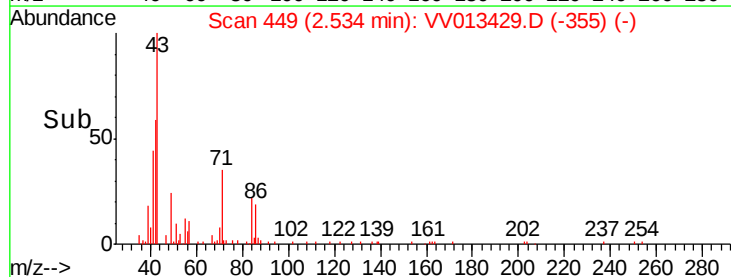
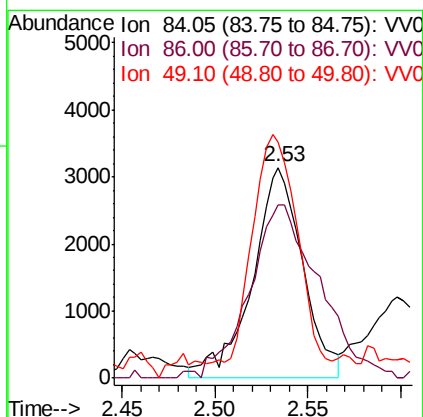
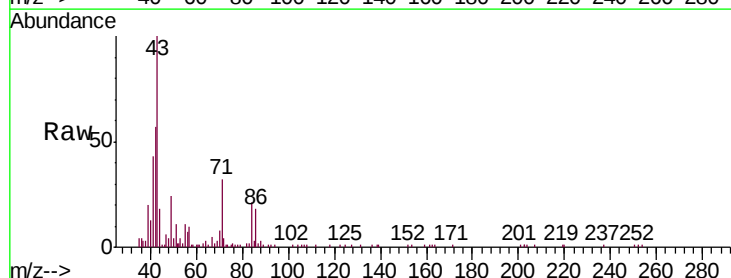
Tgt Ion: 84 Resp: 5893

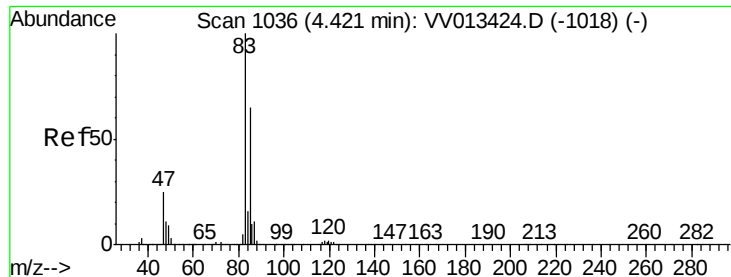
Ion Ratio Lower Upper

84 100

86 82.1 43.8 81.4#

49 112.4 90.4 168.0





#25

Chloroform

Concen: 0.134 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

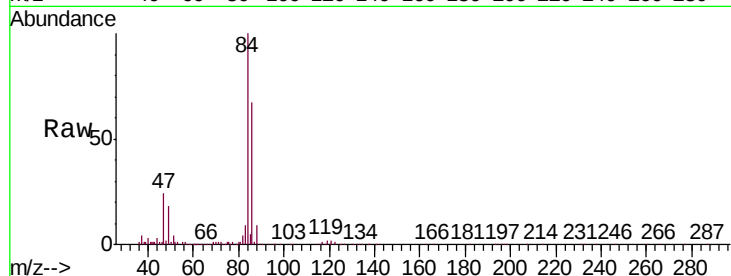
GAQD6DL2

Tgt Ion: 83 Resp: 10093

Ion Ratio Lower Upper

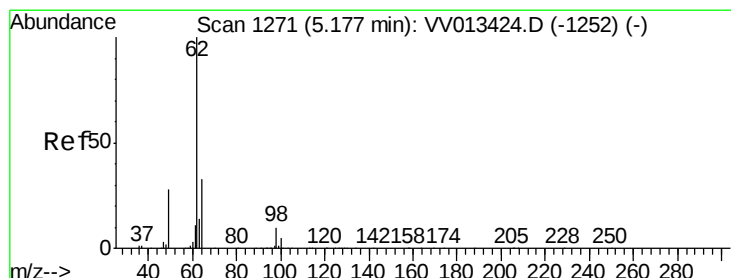
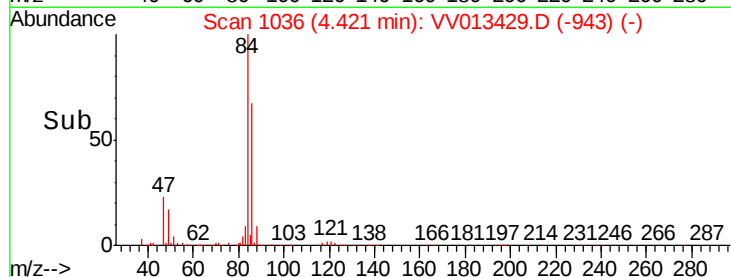
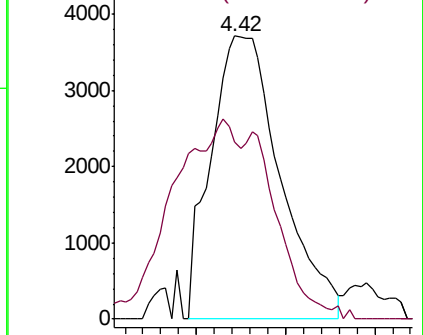
83 100

85 62.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.274 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.03 min

Lab File: VV013429.D

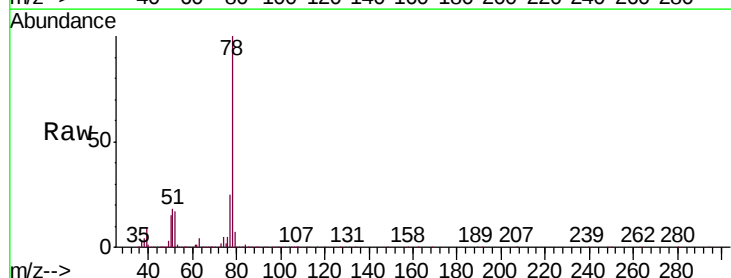
Acq: 30 Oct 2019 13:26

Tgt Ion: 62 Resp: 11434

Ion Ratio Lower Upper

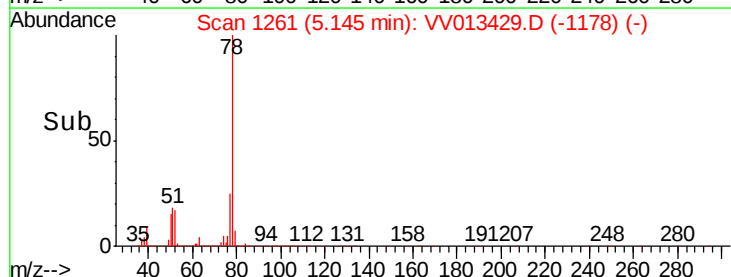
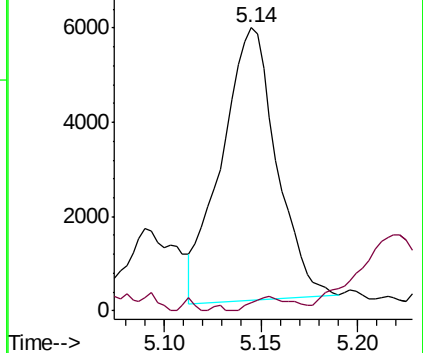
62 100

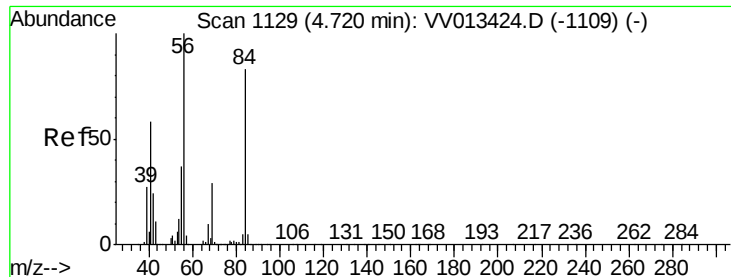
98 3.1 8.6 12.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

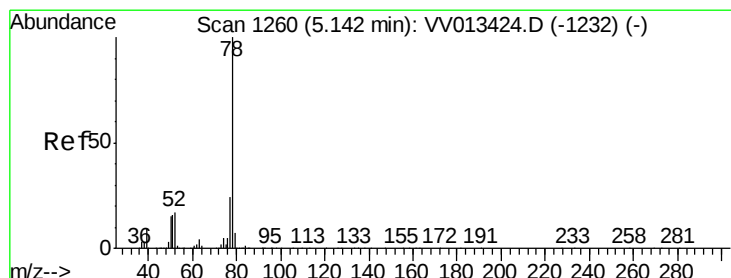
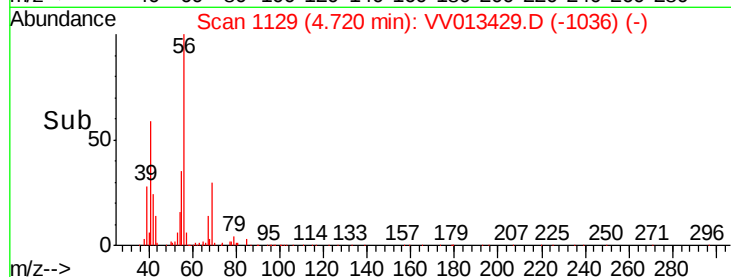
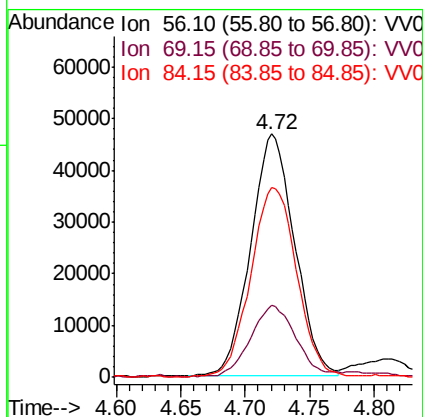
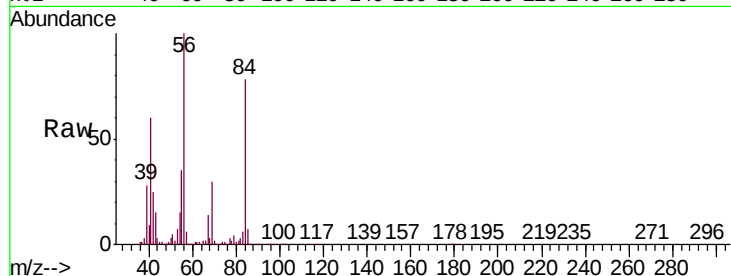




#30
Cyclohexane
Concen: 1.804 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

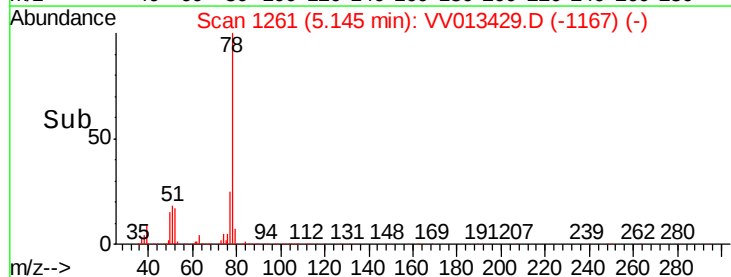
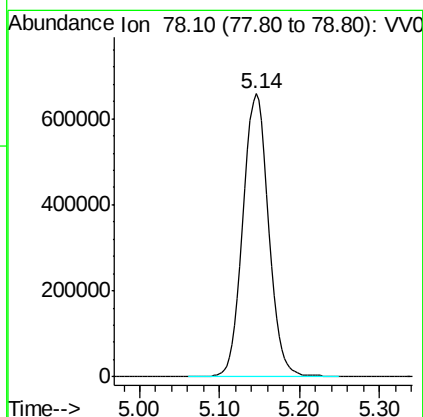
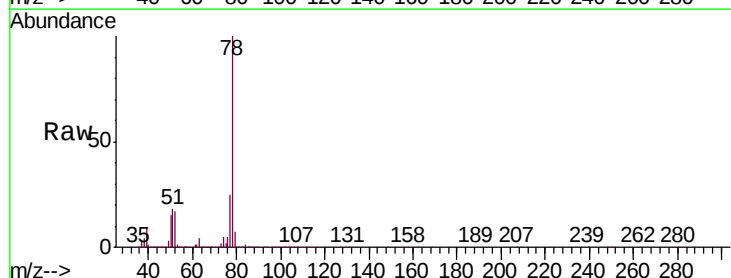
Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

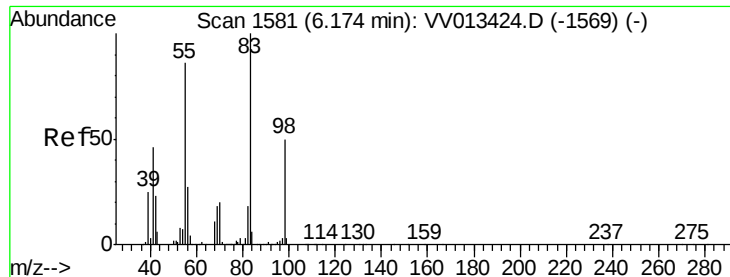
Tgt Ion: 56 Resp: 111454
Ion Ratio Lower Upper
56 100
69 30.1 22.7 34.1
84 81.4 65.5 98.3



#33
Benzene
Concen: 9.626 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

Tgt Ion: 78 Resp: 1428269

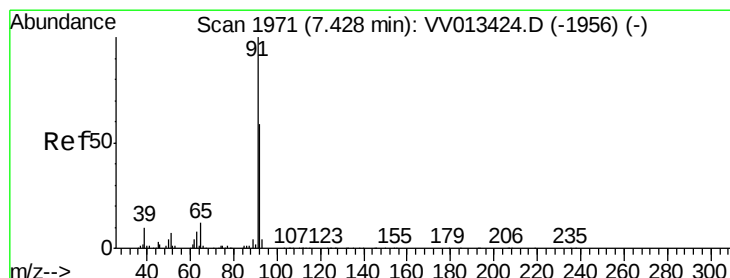
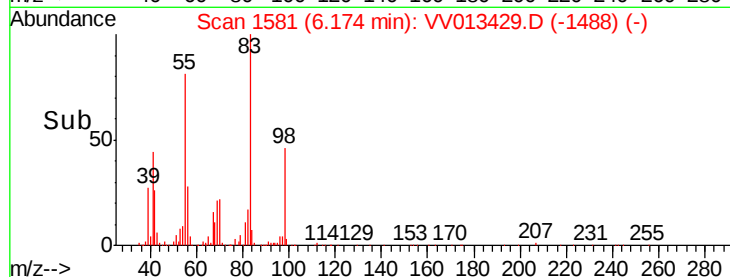
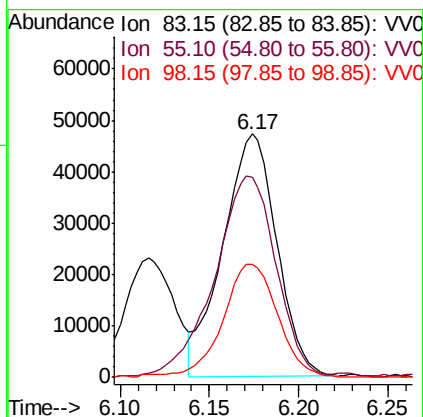
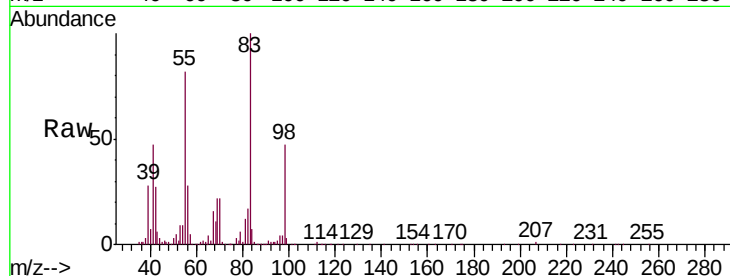




#35
Methylcyclohexane
Concen: 1.628 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

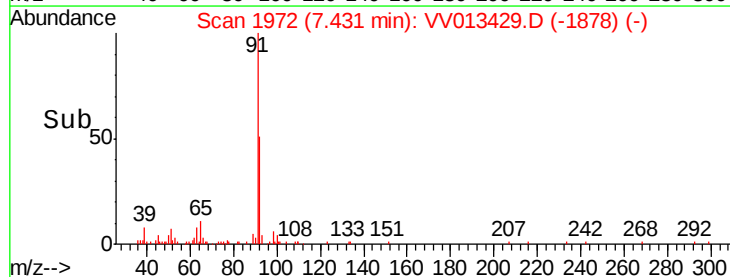
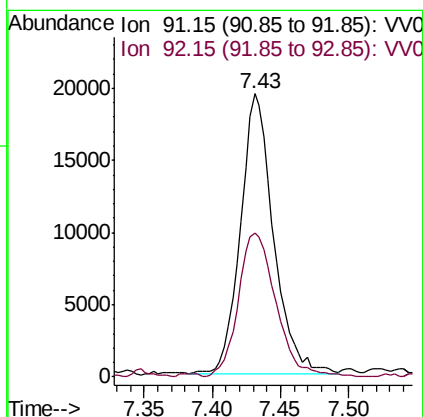
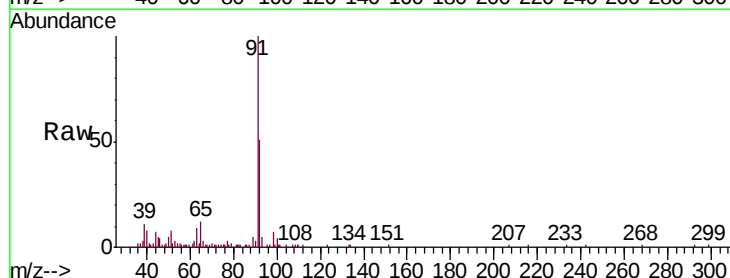
Instrument :
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GAQD6DL2

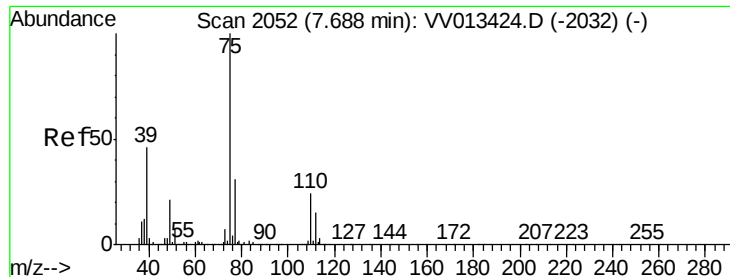
Tgt Ion: 83 Resp: 98893
Ion Ratio Lower Upper
83 100
55 95.7 66.0 99.0
98 48.0 38.2 57.4



#42
Toluene
Concen: 0.211 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

Tgt Ion: 91 Resp: 32722
Ion Ratio Lower Upper
91 100
92 50.8 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

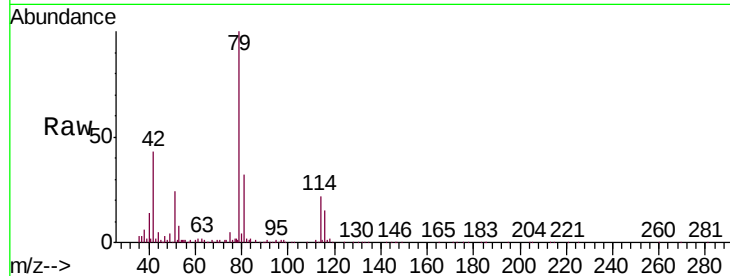
GAQD6DL2

Tgt Ion: 75 Resp: 3459

Ion Ratio Lower Upper

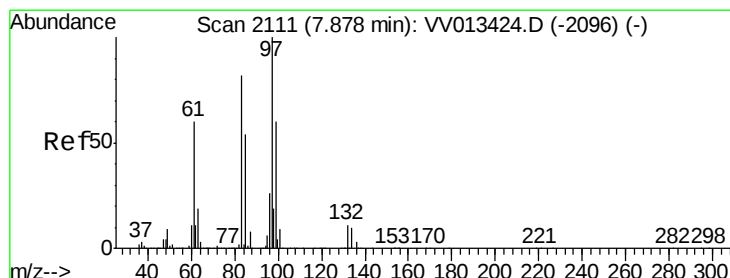
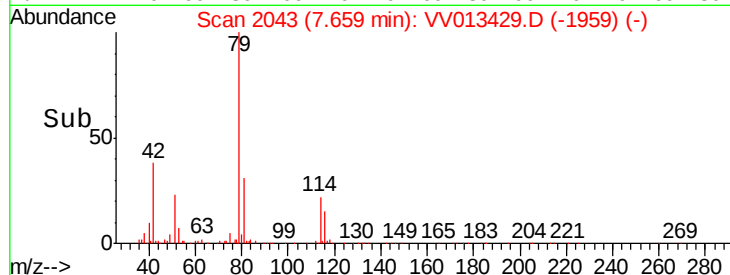
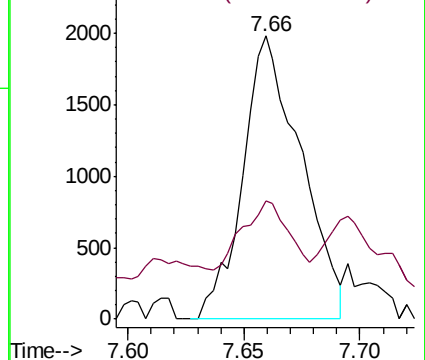
75 100

77 41.8 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#45

1,1,2-Trichloroethane

Concen: 0.394 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.05 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Tgt Ion: 97 Resp: 9831

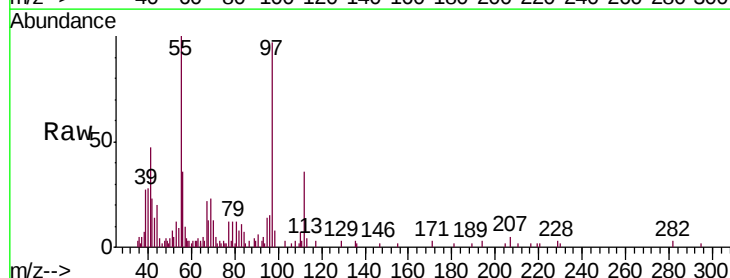
Ion Ratio Lower Upper

97 100

99 0.0 41.6 77.3#

83 11.7 58.7 109.1#

85 2.1 37.5 69.7#

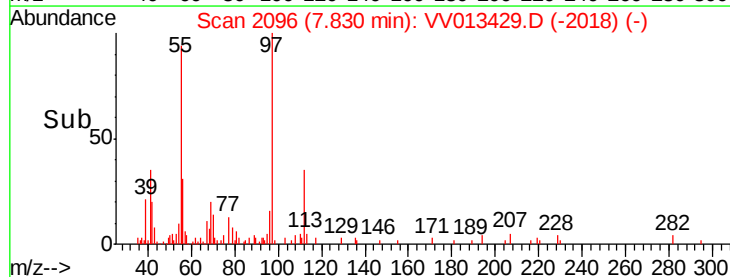
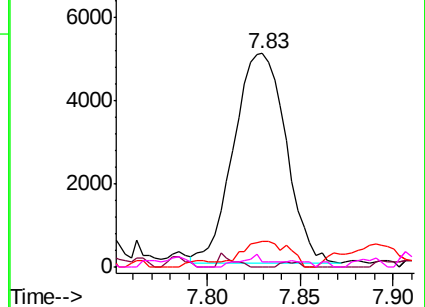


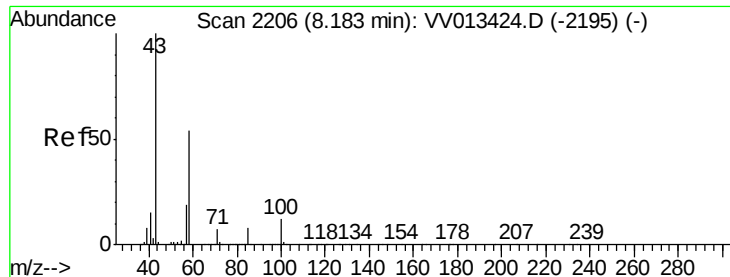
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

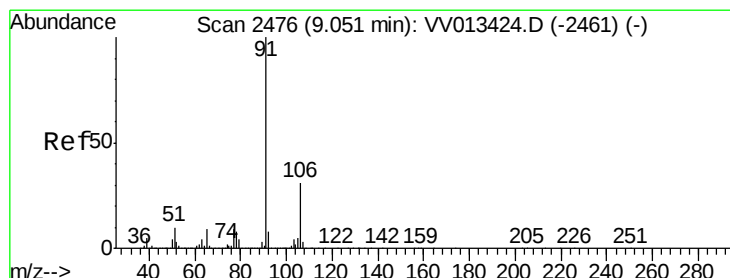
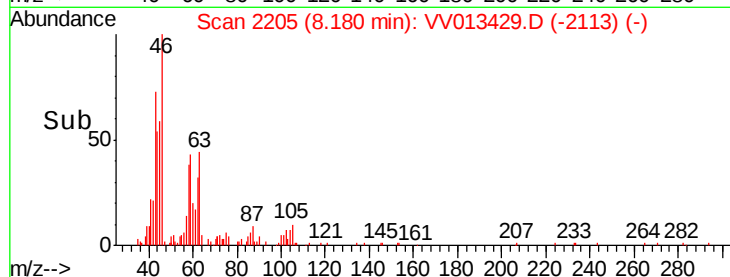
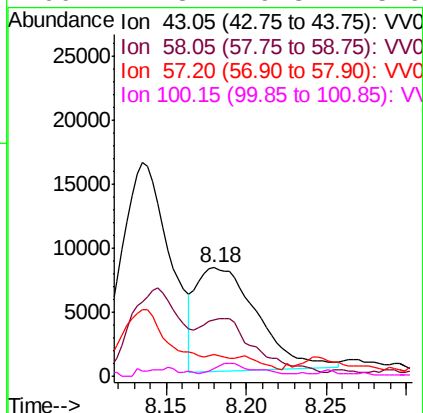
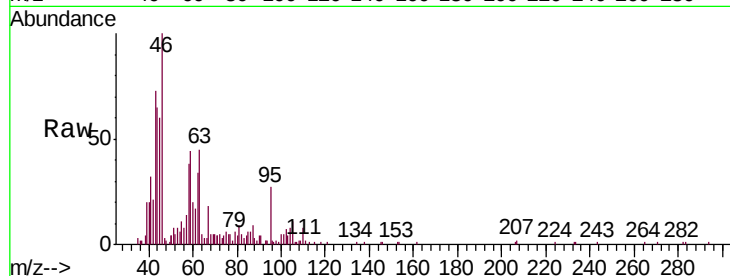




#48
2-Hexanone
Concen: 1.439 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

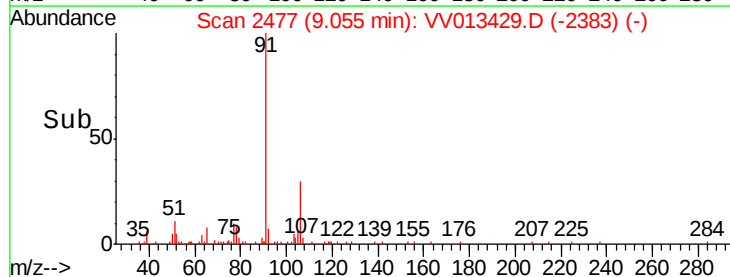
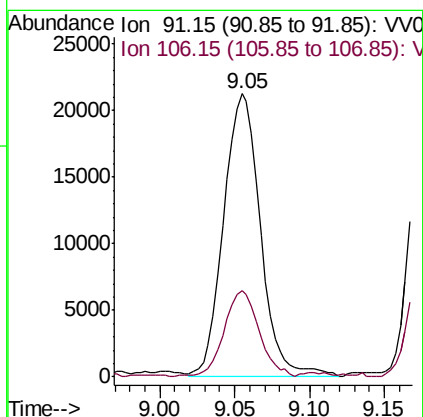
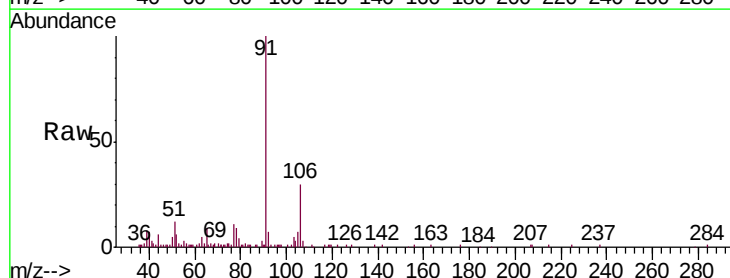
Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL2

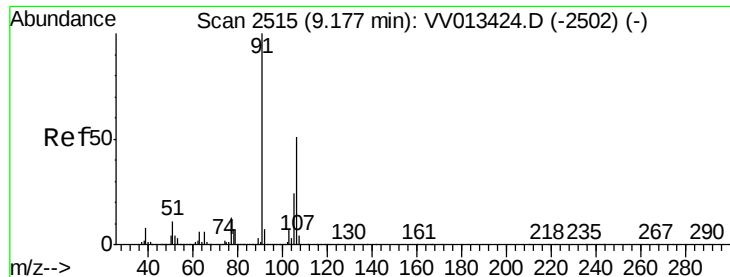
Tgt Ion: 43 Resp: 21496
Ion Ratio Lower Upper
43 100
58 45.9 43.5 65.3
57 0.0 14.3 21.5#
100 7.3 9.3 13.9#



#52
Ethylbenzene
Concen: 0.224 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013429.D
Acq: 30 Oct 2019 13:26

Tgt Ion: 91 Resp: 36690
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9





#53

m,p-xylene

Concen: 0.414 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

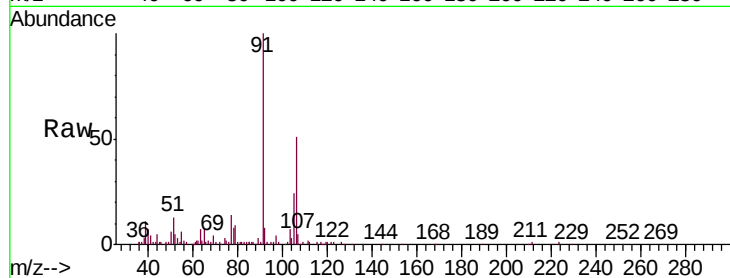
GAQD6DL2

Tgt Ion:106 Resp: 25088

Ion Ratio Lower Upper

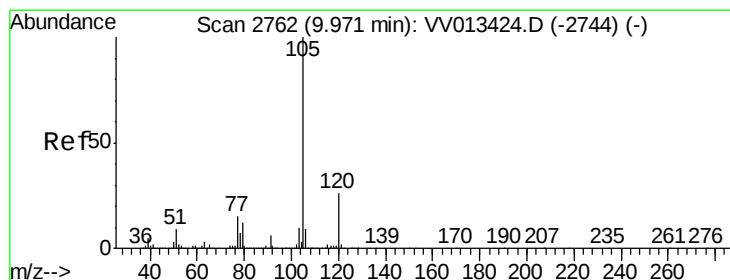
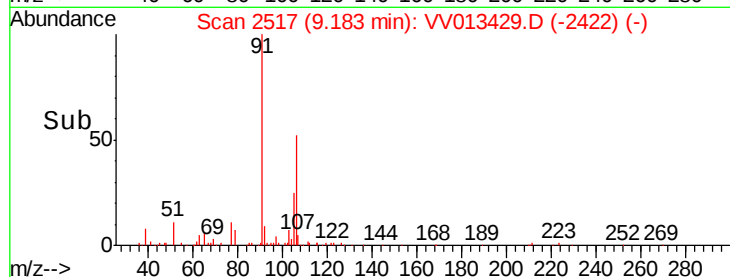
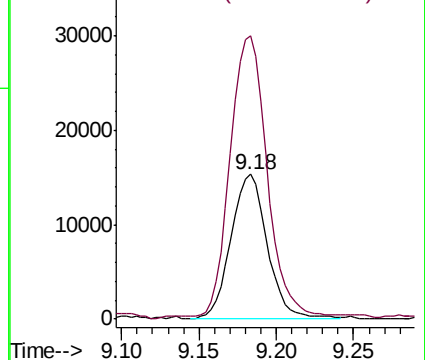
106 100

91 195.2 144.3 267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

Isopropylbenzene

Concen: 0.300 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

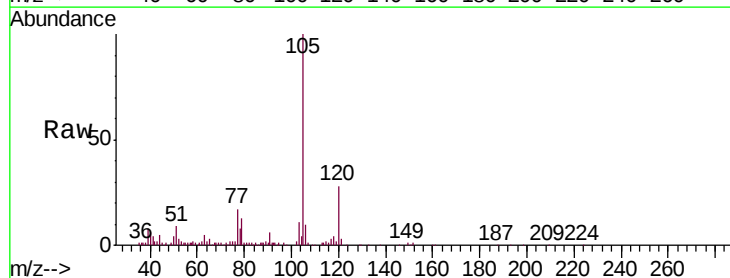
Tgt Ion:105 Resp: 47290

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

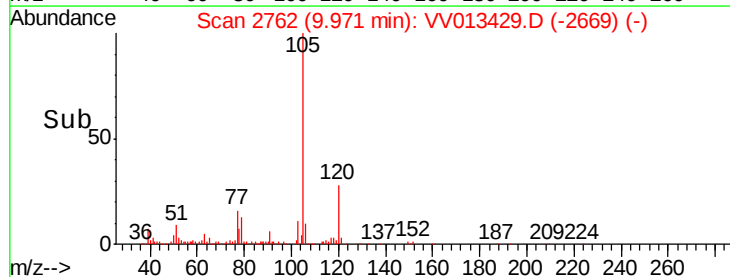
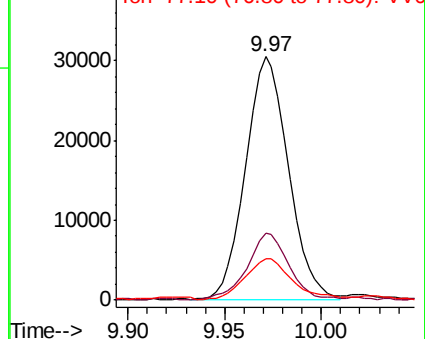
77 18.3 12.9 19.3

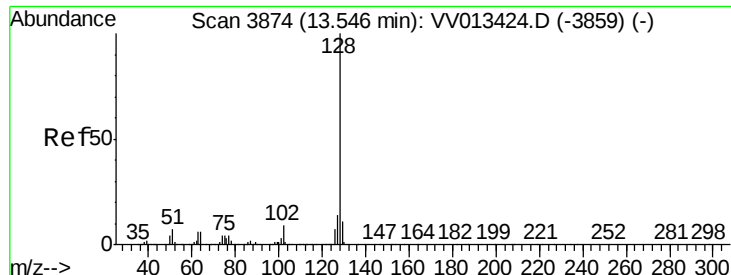


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#69

Naphthalene

Concen: 1.060 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013429.D

Acq: 30 Oct 2019 13:26

Instrument :

MSVOA_V

ClientSampleId :

GAQD6DL2

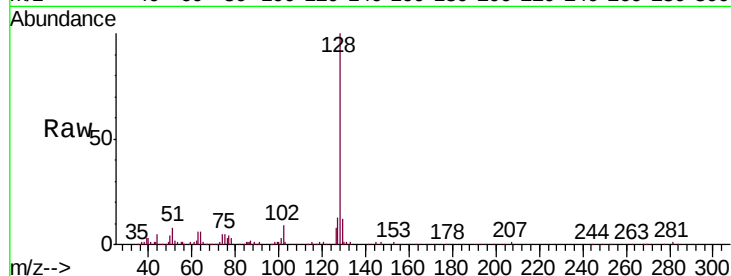
Tgt Ion:128 Resp: 67695

Ion Ratio Lower Upper

128 100

129 11.7 8.7 13.1

127 13.6 10.6 16.0



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

