

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008776.D
 Acq On : 29 Nov 2018 20:27
 Operator : SY/MD
 Sample : J6076-17
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALS8

Quant Time: Nov 30 05:01:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 04:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148113	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47880	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.59	69	34473	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.14	63	67574	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	114296	49.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.60%
24) Chloroform-d	4.41	84	93827	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	46752	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	202863	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	60748	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	176303	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	18895	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	81121	47.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35498	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	59975	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

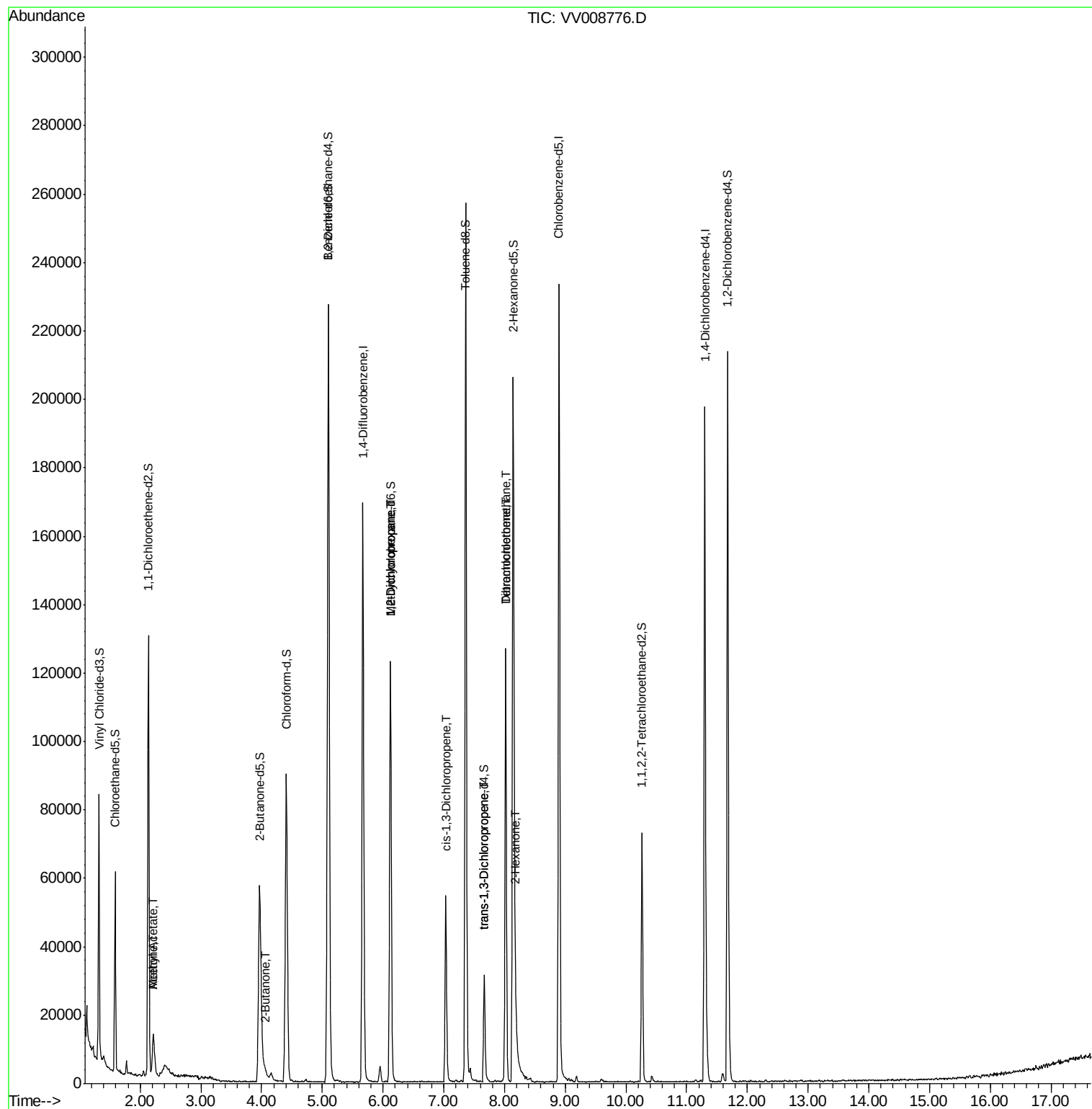
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.22	43	20346	17.788	ug/L	100
15) Methyl Acetate	2.22	43	18501	6.044	ug/L #	50
21) 2-Butanone	4.06	43	2665	1.162	ug/L	98
35) Methylcyclohexane	6.12	83	14483	0.818	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6510	0.652	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1239	0.094	ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	868	0.084	ug/L	99
47) Tetrachloroethene	8.02	164	28299	3.276	ug/L	97
48) 2-Hexanone	8.18	43	5174	1.426	ug/L #	77
49) Dibromochloromethane	8.02	129	25829	3.580	ug/L #	10

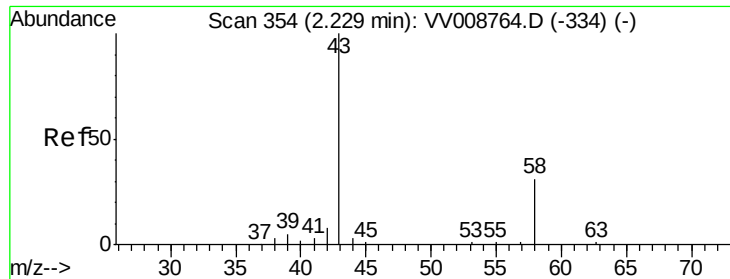
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.788 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV008776.D

Acq: 29 Nov 2018 20:27

Instrument :

MSVOA_V

ClientSampleId :

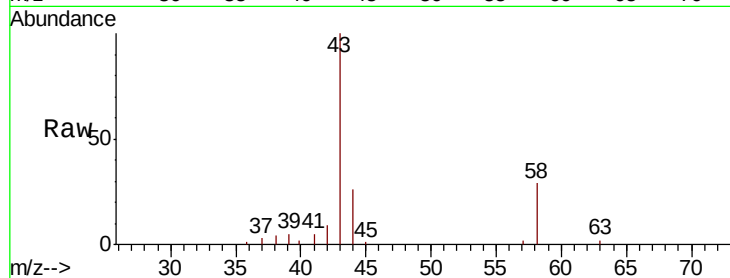
YALS8

Tgt Ion: 43 Resp: 20346

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008776.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV008776.D (-334) (-)

2.22

8000

6000

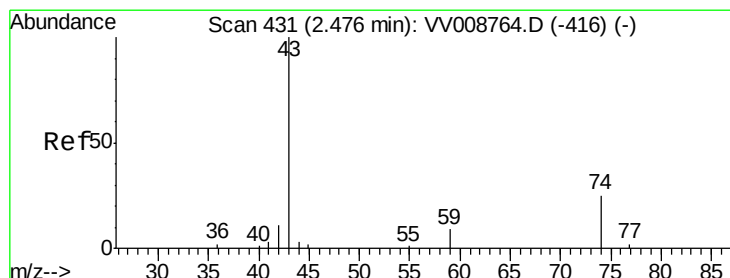
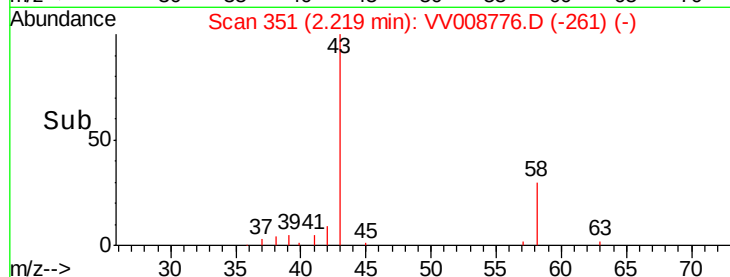
4000

2000

0

Time-->

2.20 2.30



#15

Methyl Acetate

Concen: 6.044 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.26 min

Lab File: VV008776.D

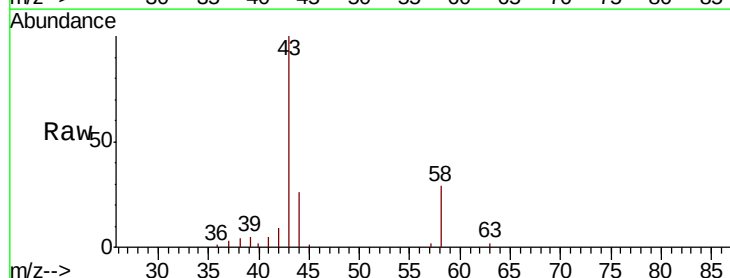
Acq: 29 Nov 2018 20:27

Tgt Ion: 43 Resp: 18501

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008776.D (-338) (-)

Ion 74.05 (73.75 to 74.75): VV008776.D (-338) (-)

2.22

8000

6000

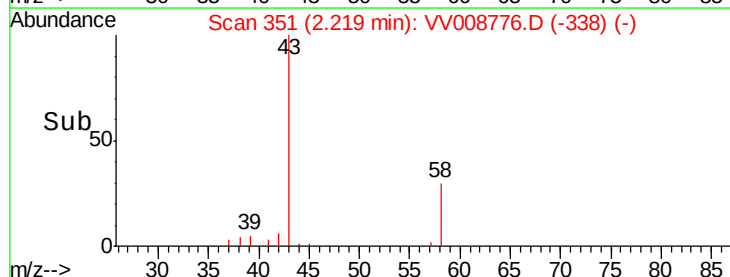
4000

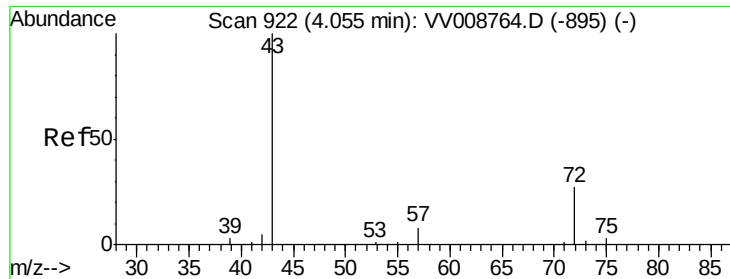
2000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#21

2-Butanone

Concen: 1.162 ug/L

RT: 4.06 min Scan# 925

Delta R.T. 0.01 min

Lab File: VV008776.D

Acq: 29 Nov 2018 20:27

Instrument :

MSVOA_V

ClientSampled :

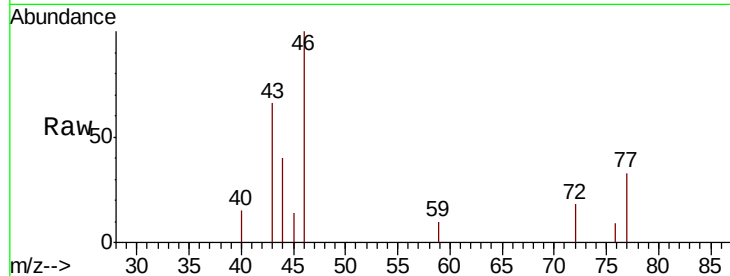
YALS8

Tgt Ion: 43 Resp: 2665

Ion Ratio Lower Upper

43 100

72 28.2 13.6 40.8



Abundance Ion 43.05 (42.75 to 43.75): VV008776.D (-829) (-)

Ion 72.10 (71.80 to 72.80): VV008776.D (-829) (-)

1500

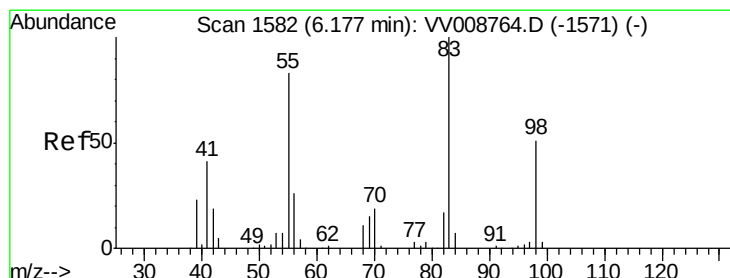
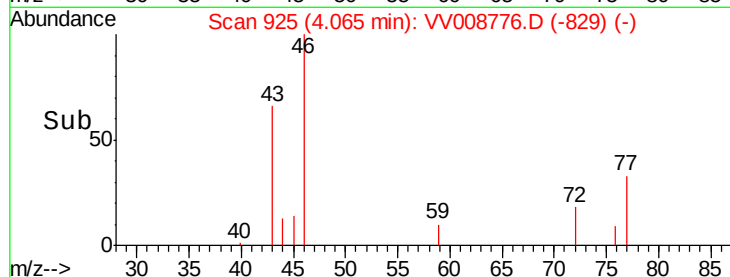
1000

500

0

4.00 4.05 4.10 4.15

Time-->



#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008776.D

Acq: 29 Nov 2018 20:27

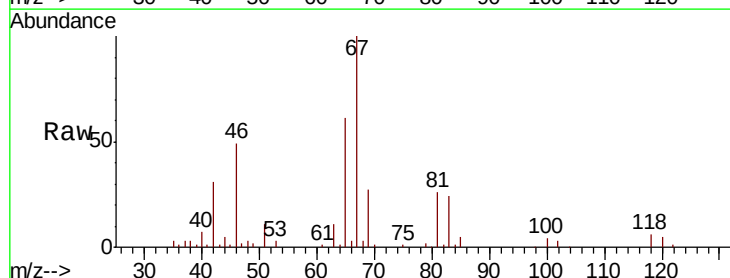
Tgt Ion: 83 Resp: 14483

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

98 0.4 37.4 56.2#



Abundance Ion 83.15 (82.85 to 83.85): VV008776.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008776.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008776.D (-1489) (-)

10000

8000

6000

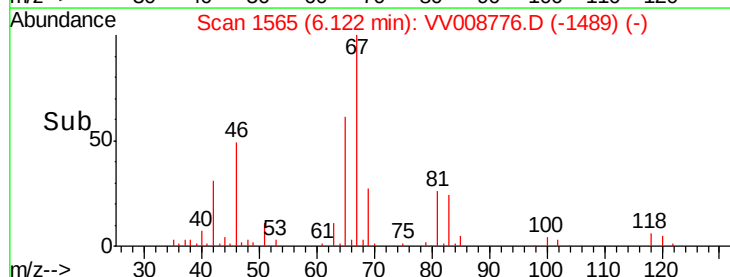
4000

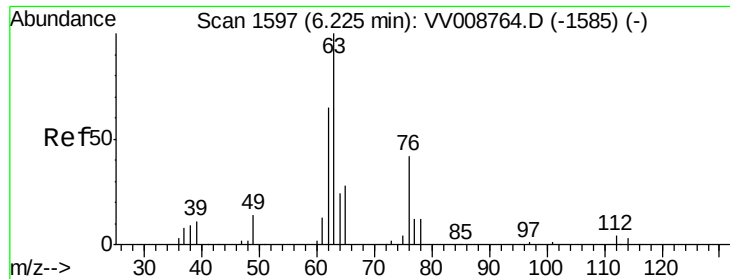
2000

0

6.05 6.10 6.15

Time-->

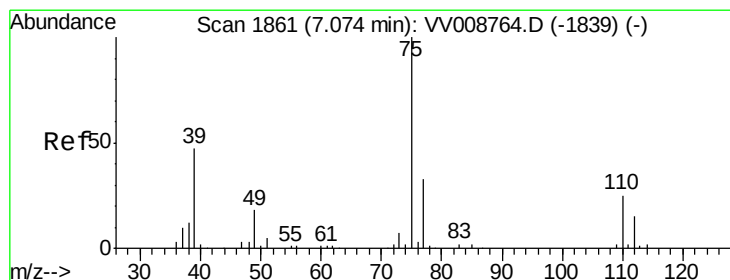
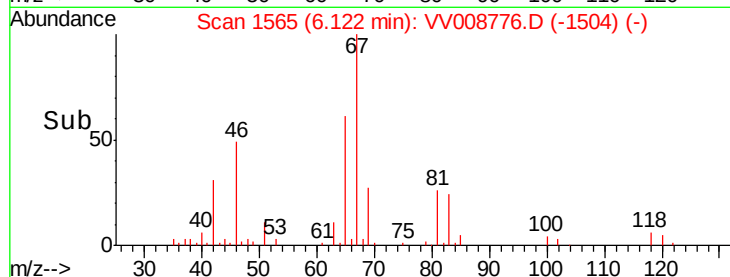
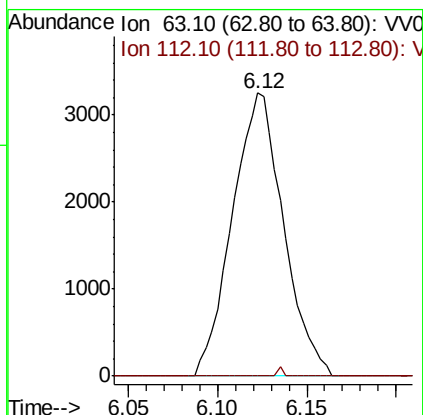
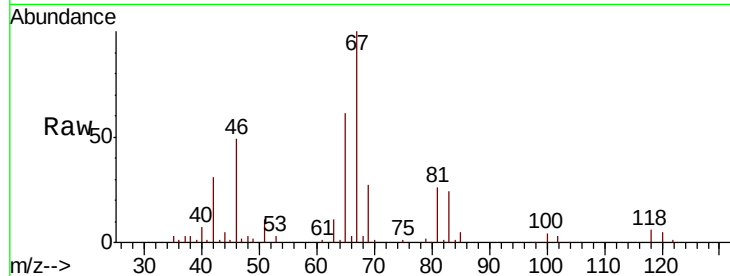




#37
 1,2-Dichloropropane
 Concen: 0.652 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008776.D
 Acq: 29 Nov 2018 20:27

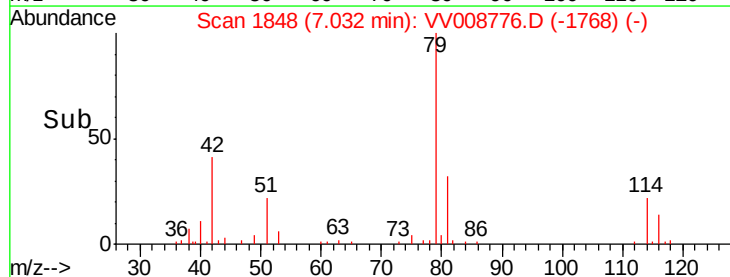
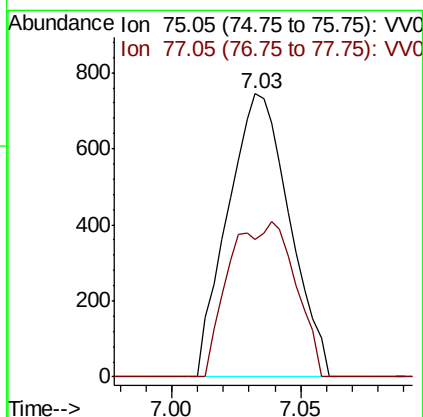
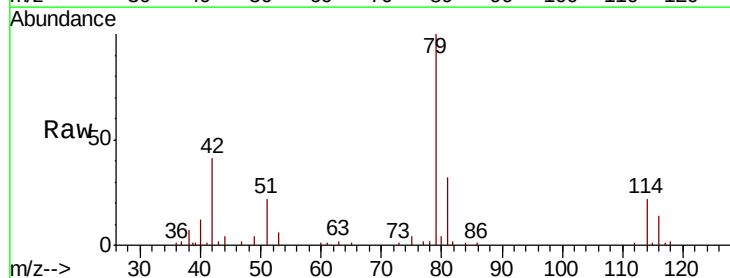
Instrument :
 MSVOA_V
 ClientSampleId :
 YALS8

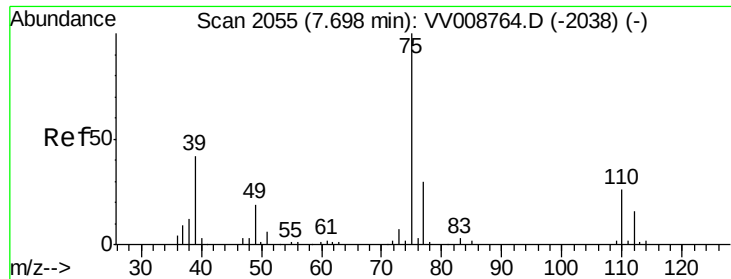
Tgt Ion: 63 Resp: 6510
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008776.D
 Acq: 29 Nov 2018 20:27

Tgt Ion: 75 Resp: 1239
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.8 42.4#





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008776.D

Acq: 29 Nov 2018 20:27

Instrument :

MSVOA_V

ClientSampled :

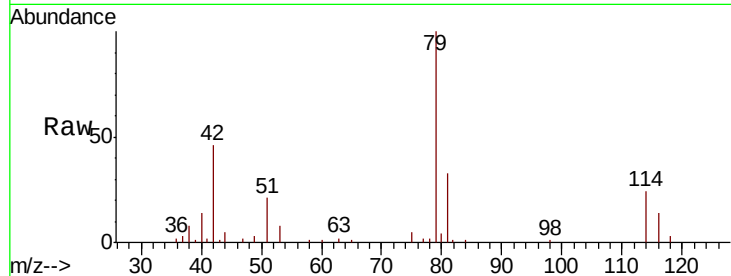
YALS8

Tgt Ion: 75 Resp: 868

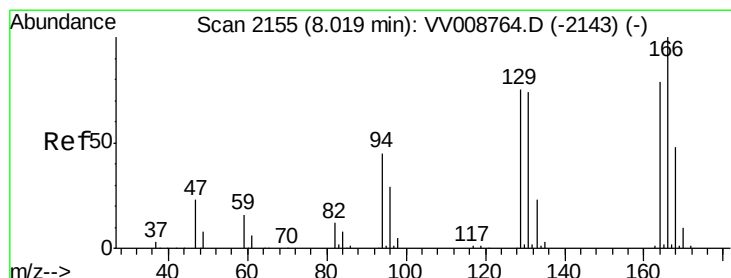
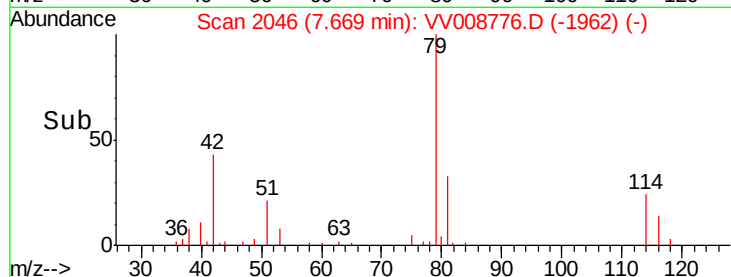
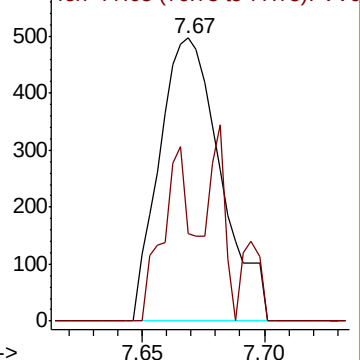
Ion Ratio Lower Upper

75 100

77 31.0 21.3 39.5



Abundance Ion 75.05 (74.75 to 75.75): VV008776.D (-1962) (-)



#47

Tetrachloroethene

Concen: 3.276 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008776.D

Acq: 29 Nov 2018 20:27

Tgt Ion:164 Resp: 28299

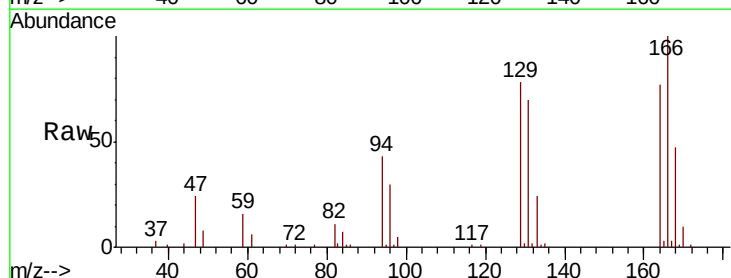
Ion Ratio Lower Upper

164 100

129 101.1 67.5 125.3

131 91.1 65.9 122.5

166 129.7 89.2 165.6

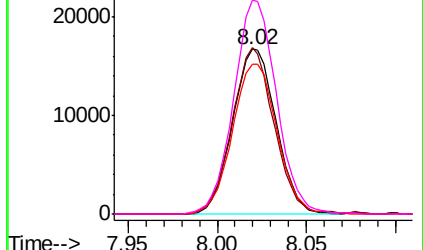
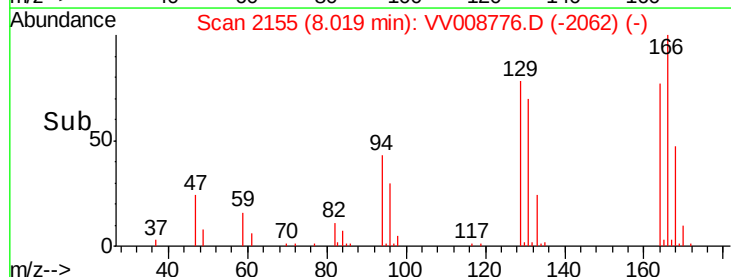


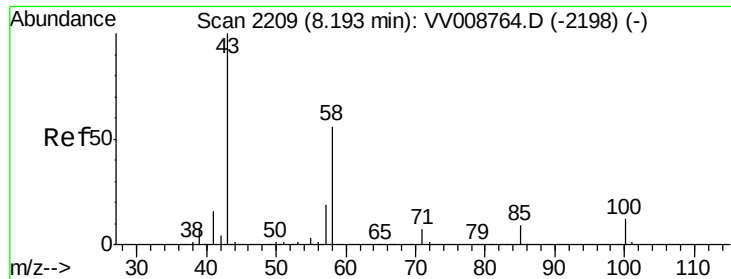
Abundance Ion 163.90 (163.60 to 164.60): VV008776.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV008776.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV008776.D (-2062) (-)

Ion 165.90 (165.60 to 166.60): VV008776.D (-2062) (-)

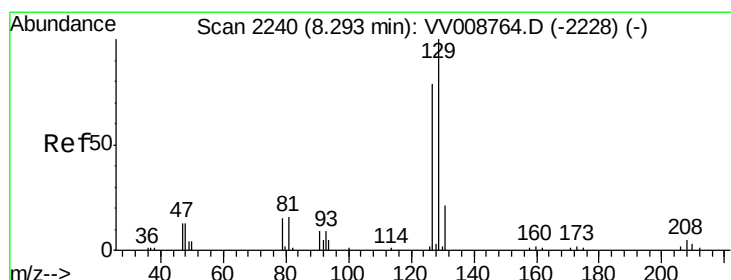
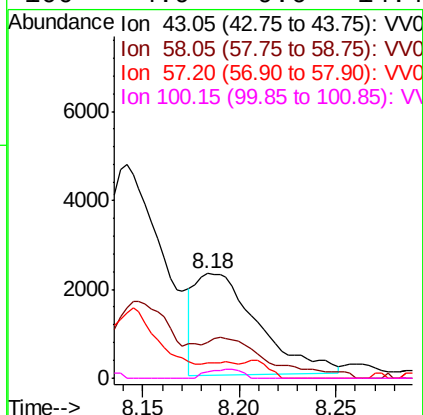
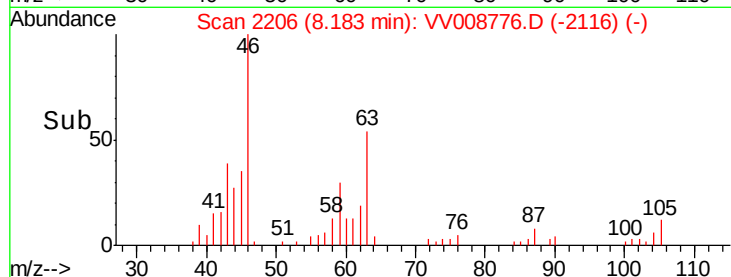
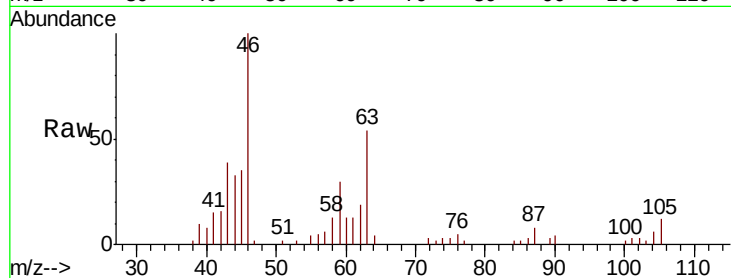




#48
2-Hexanone
Concen: 1.426 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV008776.D
Acq: 29 Nov 2018 20:27

Instrument :
MSVOA_V
ClientSampled :
YALS8

Tgt Ion: 43 Resp: 5174
Ion Ratio Lower Upper
43 100
58 39.4 44.5 66.7#
57 6.7 15.2 22.8#
100 4.9 9.6 14.4#



#49
Dibromochloromethane
Concen: 3.580 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008776.D
Acq: 29 Nov 2018 20:27

Tgt Ion: 129 Resp: 25829
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#

