

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016489.D
 Acq On : 04 Jun 2020 04:48
 Operator : SY/MD
 Sample : L2849-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 05:39:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348254	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	131922	53.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.96%
7) Chloroethane-d5	1.56	69	78008	43.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.12	63	152664	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.89	46	209255	132.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.67%#
24) Chloroform-d	4.37	84	218950	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.05	65	152631	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.07	84	440477	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
36) 1,2-Dichloropropane-d6	6.09	67	137677	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.34	98	400634	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.64	79	61034	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.02%
47) 2-Hexanone-d5	8.11	63	159016	131.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.95%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202396	53.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	171237	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%

Target Compounds

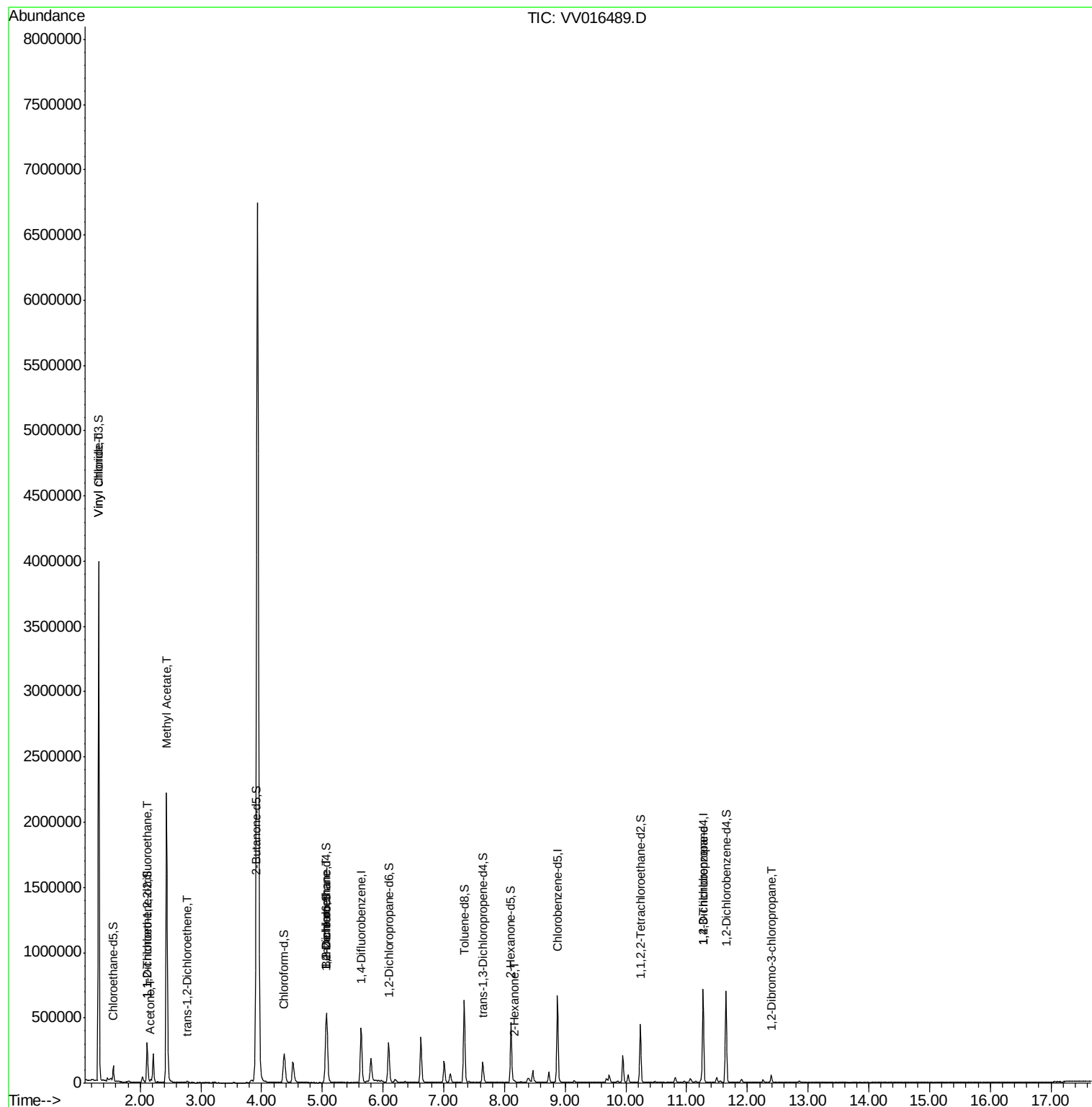
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2333042	872.188	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1479	0.736	ug/L #	18
13) Acetone	2.17	43	25767	17.480	ug/L	99
15) Methyl Acetate	2.43	43	2386333	880.777	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	4414	1.809	ug/L	87
27) 1,2-Dichloroethane	5.07	62	3036	0.790	ug/L	99
48) 2-Hexanone	8.16	43	6654	2.407	ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	20855	6.467	ug/L	88
66) 1,2-Dibromo-3-chloropropan	12.39	75	1929	2.345	ug/L #	3

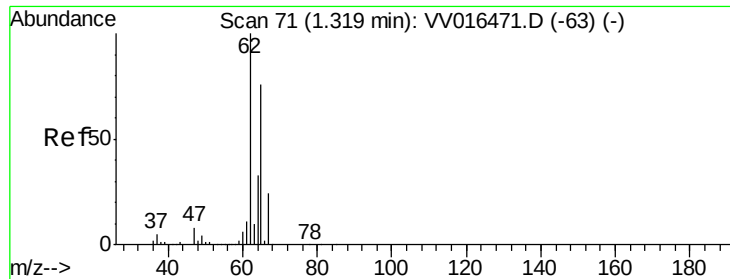
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 872.188 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Instrument :

MSVOA_V

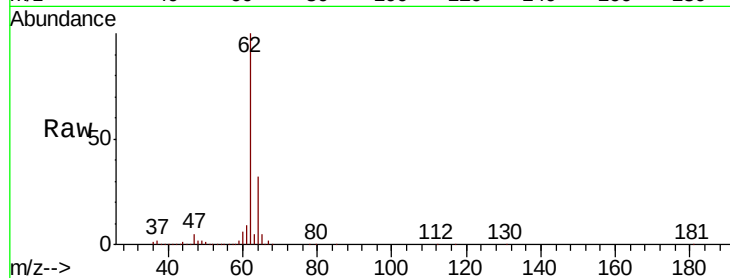
ClientSampled :

Tot Ion: 62 Resp: 2333042

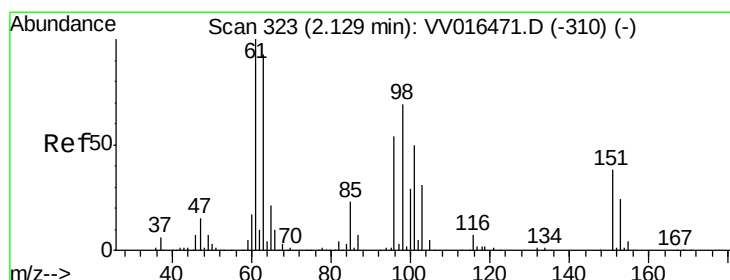
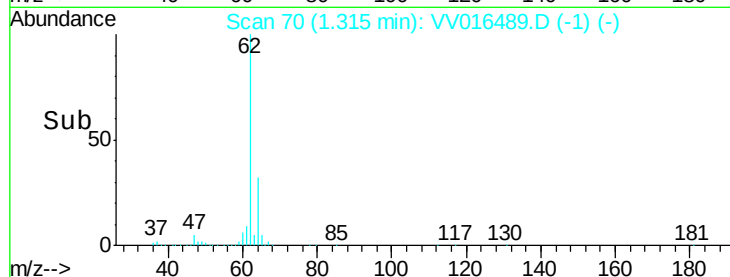
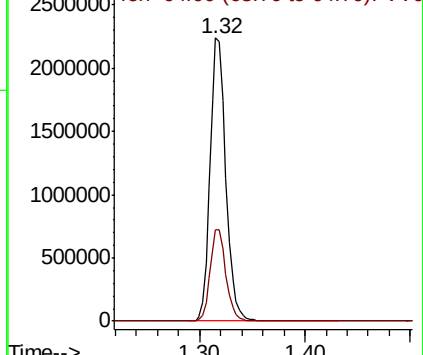
Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016489.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.736 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

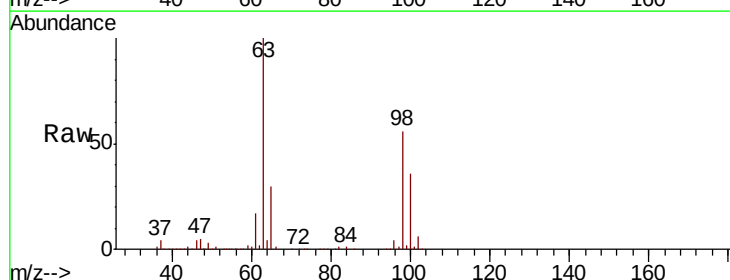
Tgt Ion: 101 Resp: 1479

Ion Ratio Lower Upper

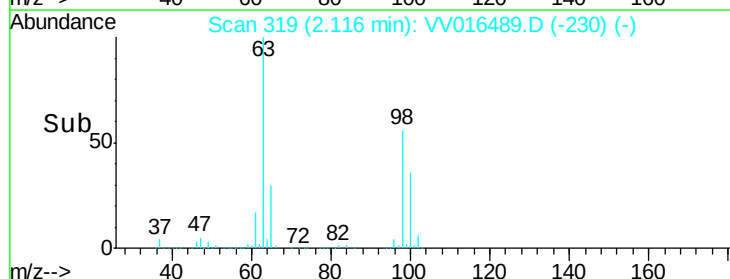
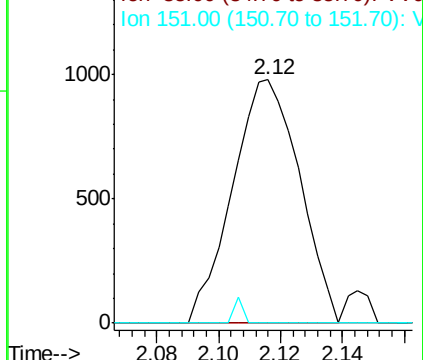
101 100

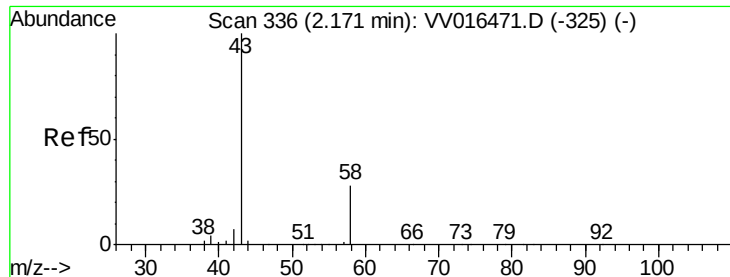
85 0.0 35.6 53.4#

151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016489.D (-230) (-)





#13

Acetone

Concen: 17.480 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Instrument :

MSVOA_V

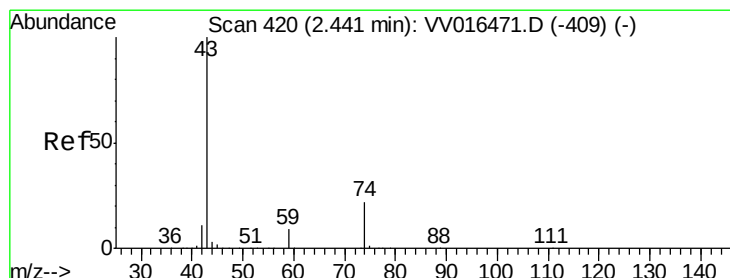
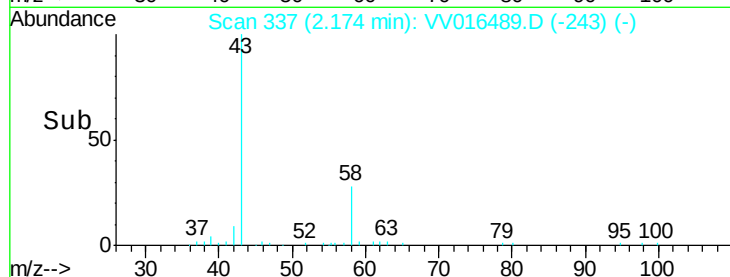
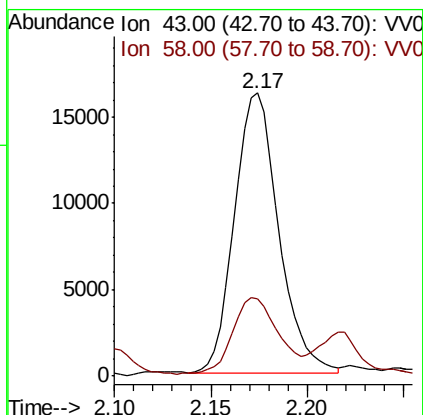
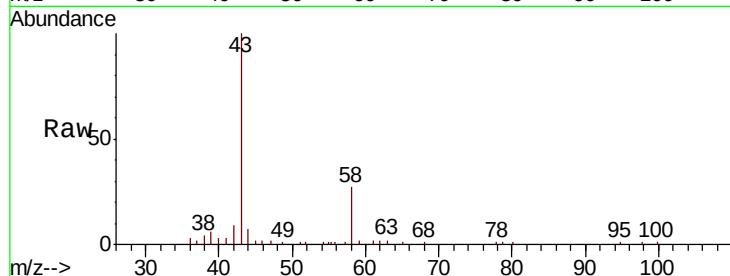
ClientSampleId :

Tot Ion: 43 Resp: 25767

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#15

Methyl Acetate

Concen: 880.777 ug/L

RT: 2.43 min Scan# 418

Delta R.T. -0.01 min

Lab File: VV016489.D

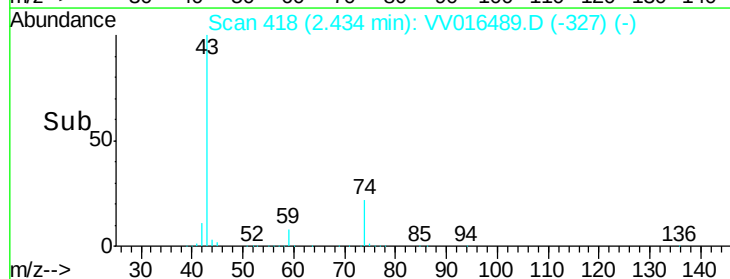
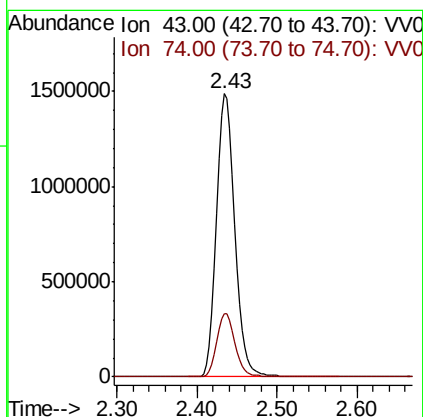
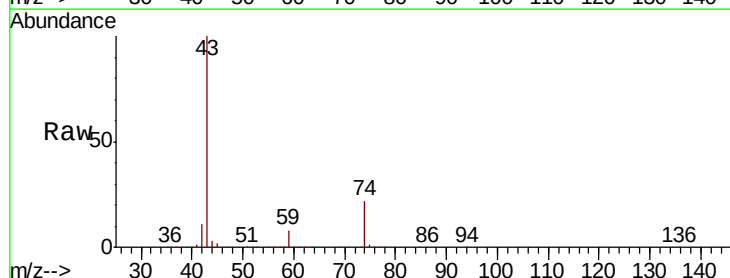
Acq: 04 Jun 2020 04:48

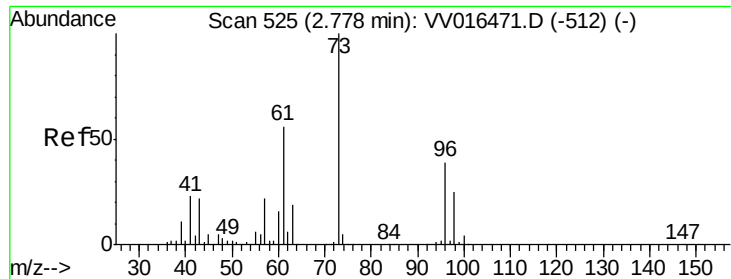
Tgt Ion: 43 Resp: 2386333

Ion Ratio Lower Upper

43 100

74 22.4 18.1 27.1





#17

trans-1,2-Dichloroethene

Concen: 1.809 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Instrument :

MSVOA_V

ClientSampleId :

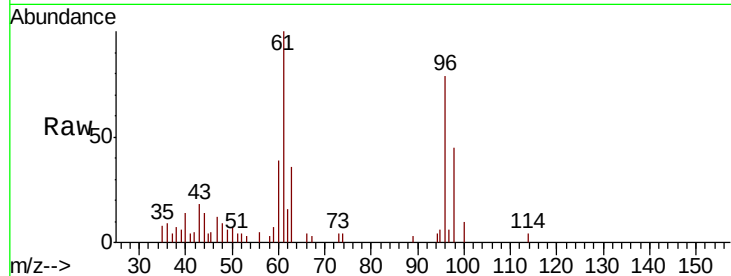
Tot Ion: 96 Resp: 4414

Ion Ratio Lower Upper

96 100

61 126.4 101.0 187.6

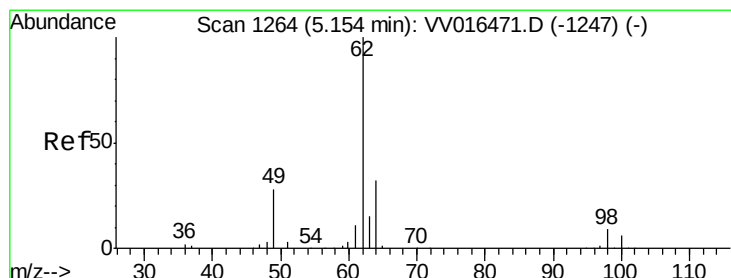
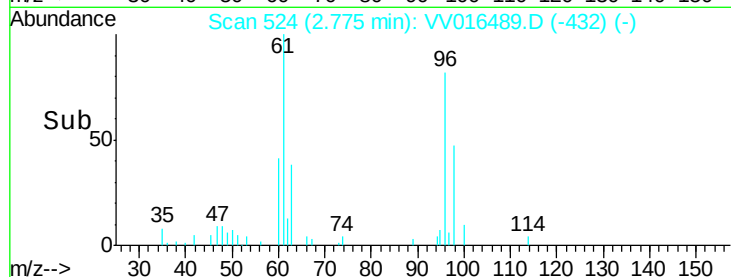
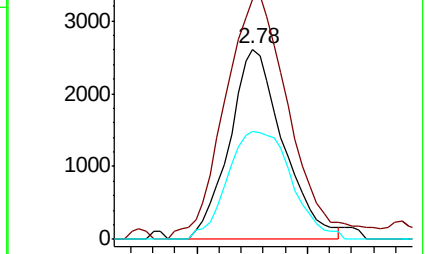
98 57.1 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV016471.D (-512) (-)

Ion 61.00 (60.70 to 61.70): VV016471.D (-512) (-)

Ion 98.00 (97.70 to 98.70): VV016471.D (-512) (-)



#27

1,2-Dichloroethane

Concen: 0.790 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016489.D

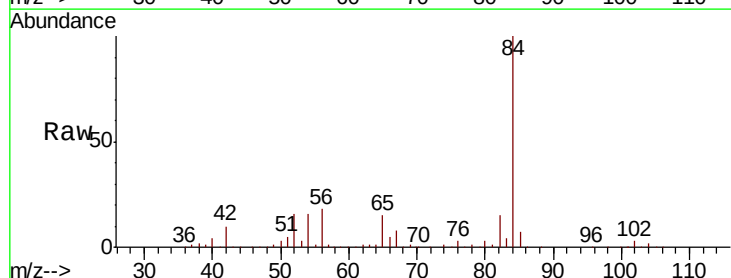
Acq: 04 Jun 2020 04:48

Tgt Ion: 62 Resp: 3036

Ion Ratio Lower Upper

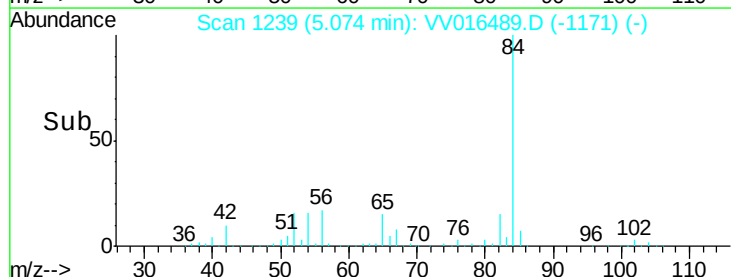
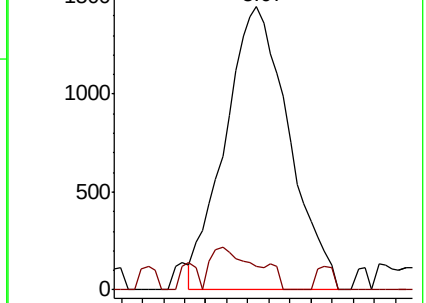
62 100

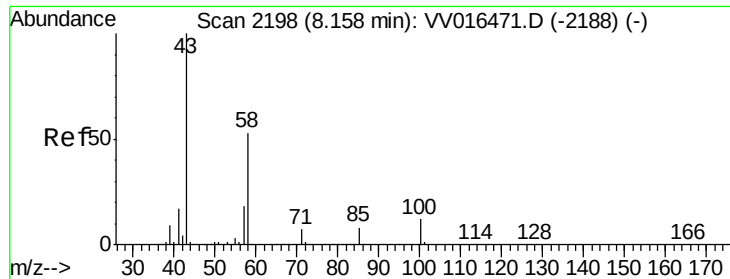
98 8.2 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016471.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VV016471.D (-1247) (-)

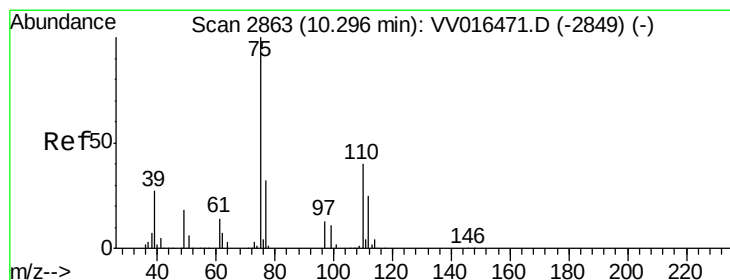
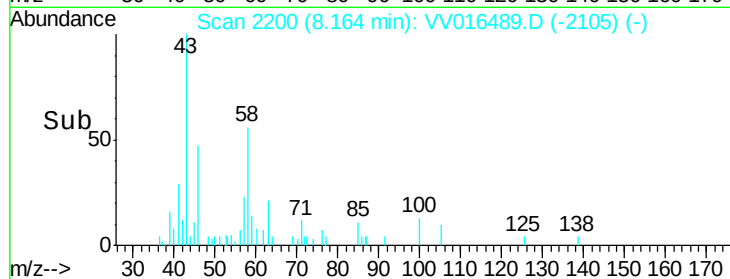
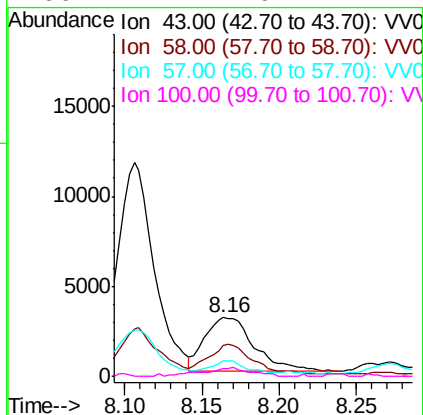
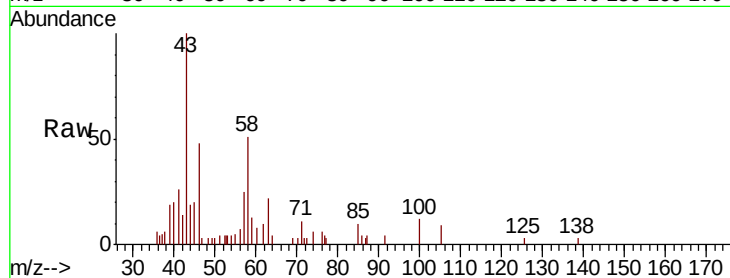




#48
2-Hexanone
Concen: 2.407 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016489.D
Acq: 04 Jun 2020 04:48

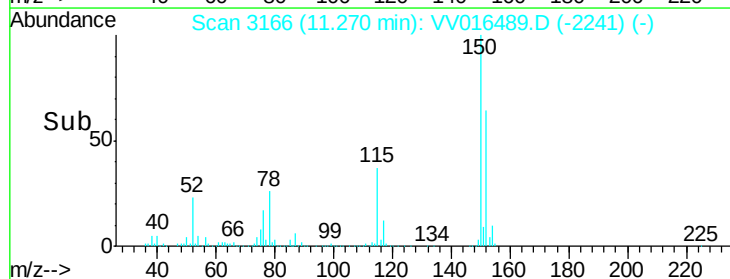
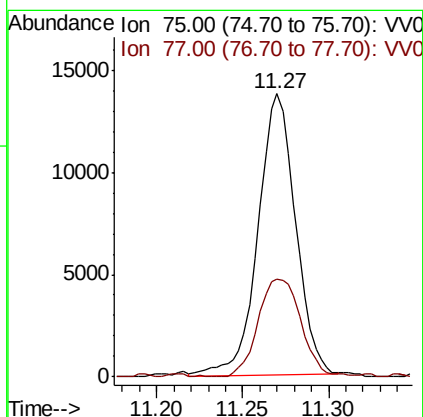
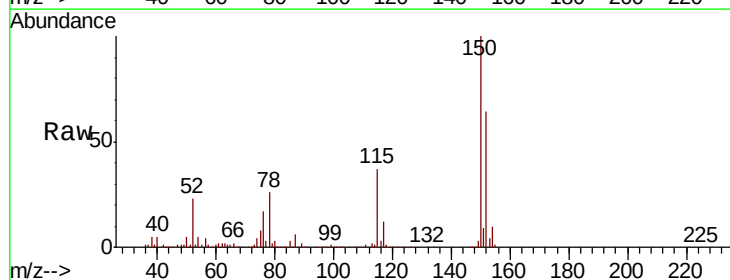
Instrument :
MSVOA_V
ClientSampleId :

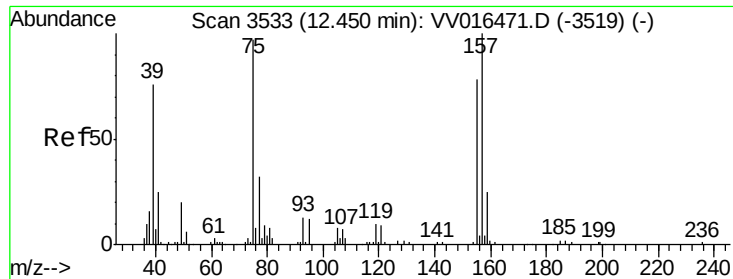
Tot Ion: 43 Resp: 6654
Ion Ratio Lower Upper
43 100
58 42.8 42.7 64.1
57 14.2 14.5 21.7#
100 14.4 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 6.467 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016489.D
Acq: 04 Jun 2020 04:48

Tgt Ion: 75 Resp: 20855
Ion Ratio Lower Upper
75 100
77 39.8 26.6 40.0





#66

1,2-Dibromo-3-chloropropane

Concen: 2.345 ug/L

RT: 12.39 min Scan# 3515

Delta R.T. -0.06 min

Lab File: VV016489.D

Acq: 04 Jun 2020 04:48

Instrument :

MSVOA_V

ClientSampleId :

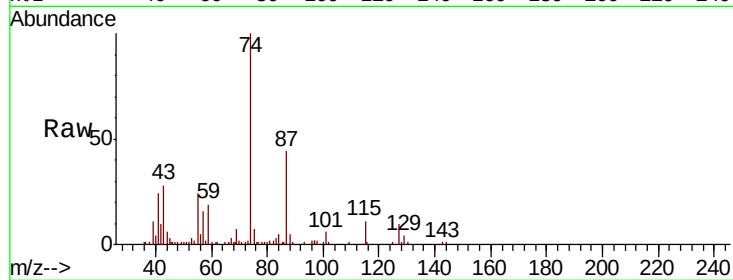
Tot Ion: 75 Resp: 1929

Ion Ratio Lower Upper

75 100

155 0.0 66.2 99.2#

157 0.0 83.0 124.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

