

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013809.D
 Acq On : 27 Nov 2019 00:27
 Operator : SY/MD
 Sample : K6004-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:14:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	322382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	319866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75734	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	77240	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	108495	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.93	46	231618	55.84	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.68%
24) Chloroform-d	4.40	84	155558	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.08	65	95816	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	341590	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	109020	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	261387	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	7.66	79	35514	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.13	63	170181	48.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89290	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	116950	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

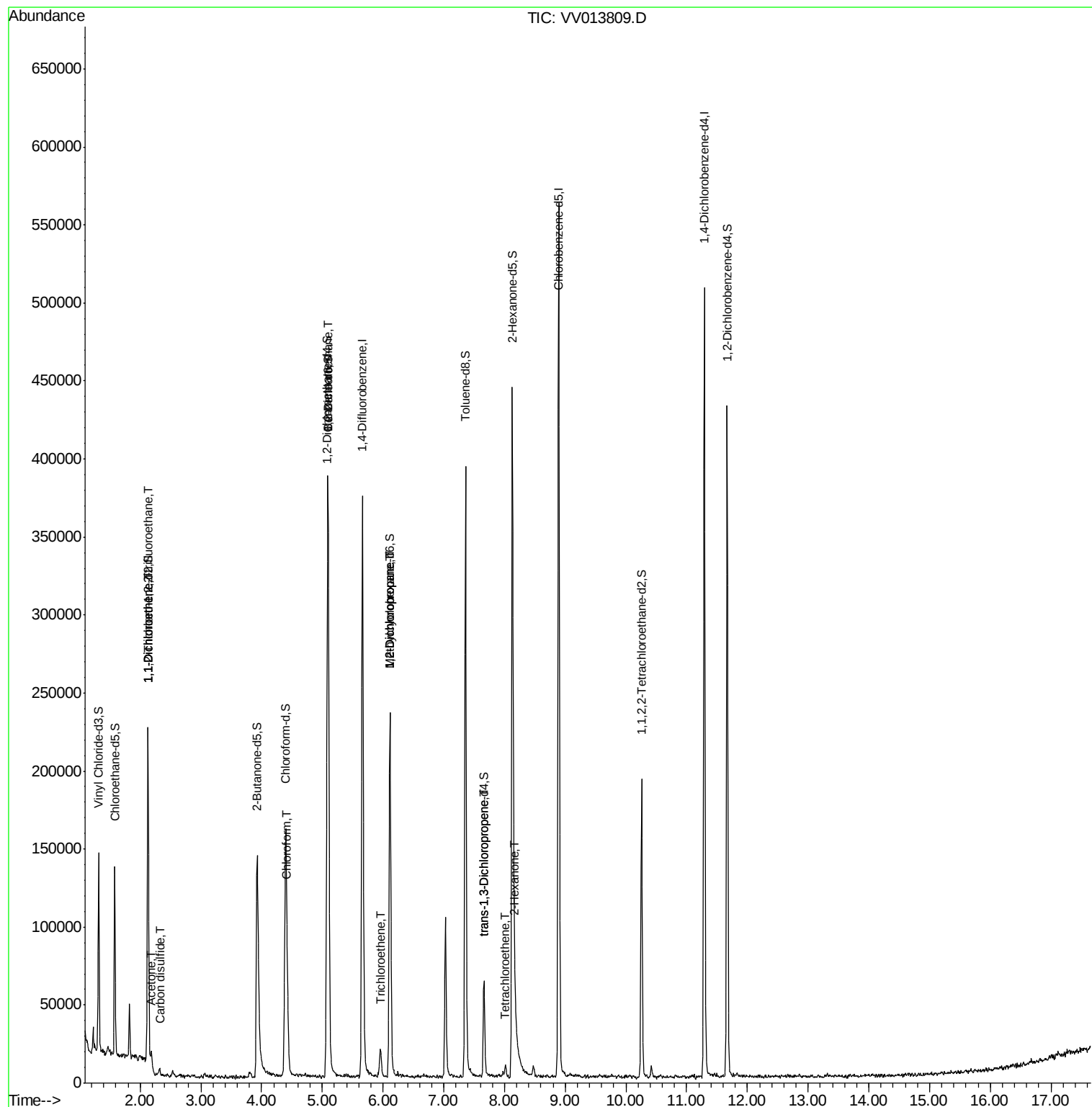
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1407	0.079	ug/L #	16
12) 1,1-Dichloroethene	2.14	96	2143	0.138	ug/L #	1
13) Acetone	2.19	43	7201	2.483	ug/L #	41
14) Carbon disulfide	2.32	76	3295	0.092	ug/L	95
25) Chloroform	4.43	83	31259	0.844	ug/L	99
27) 1,2-Dichloroethane	5.10	62	1960	0.092	ug/L	97
34) Trichloroethene	5.96	95	4630	0.214	ug/L	89
35) Methylcyclohexane	6.12	83	27560	0.954	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	12415	0.616	ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	1976	0.088	ug/L	88
47) Tetrachloroethene	8.02	164	1711	0.091	ug/L #	70
48) 2-Hexanone	8.18	43	7192	0.856	ug/L #	43

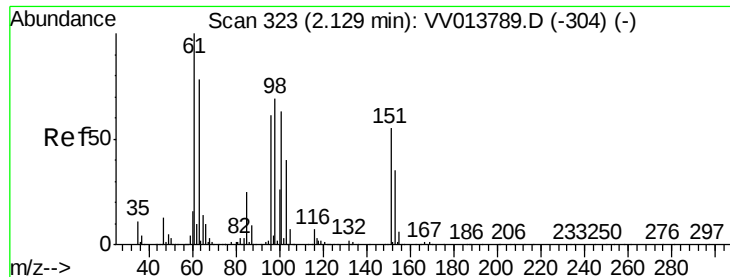
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

Instrument :

MSVOA_V

ClientSampleId :

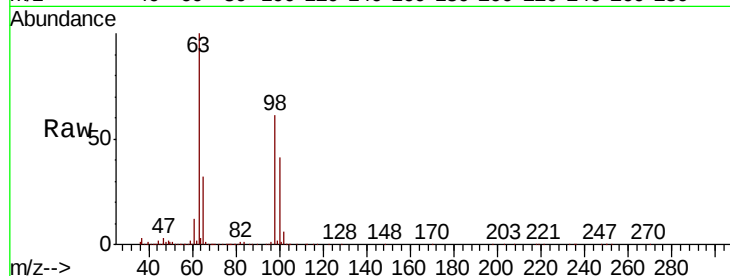
Tot Ion:101 Resp: 1407

Ion Ratio Lower Upper

101 100

85 1.4 33.4 50.0#

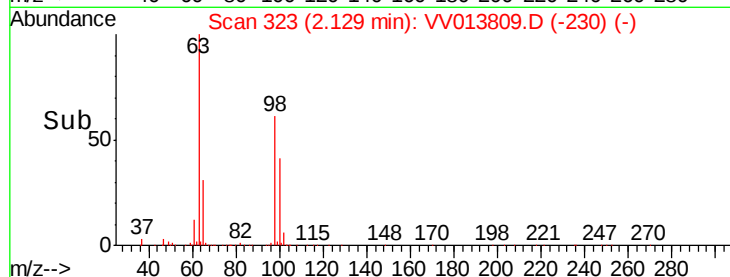
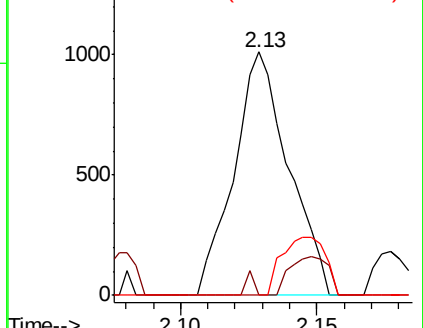
151 0.0 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): VV013789.D (-304) (-)

Ion 85.00 (84.70 to 85.70): VV013789.D (-304) (-)

Ion 151.00 (150.70 to 151.70): VV013789.D (-304) (-)



#12

1,1-Dichloroethene

Concen: 0.138 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

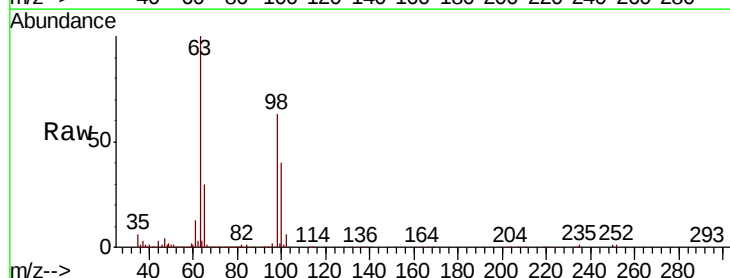
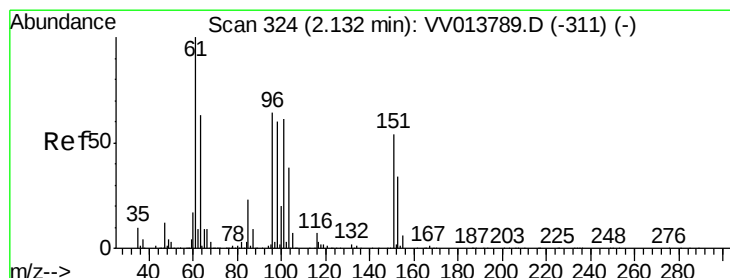
Tgt Ion: 96 Resp: 2143

Ion Ratio Lower Upper

96 100

61 572.1 116.3 215.9#

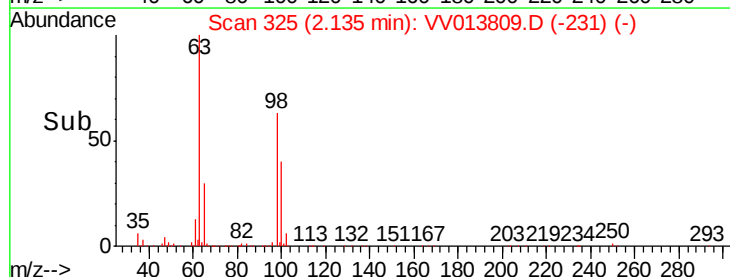
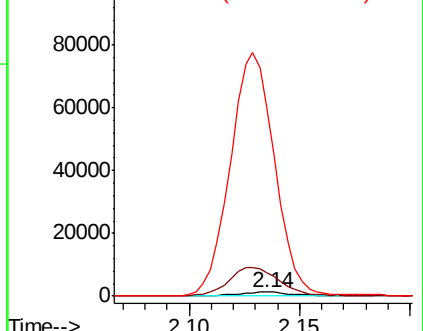
63 4511.4 96.7 179.7#

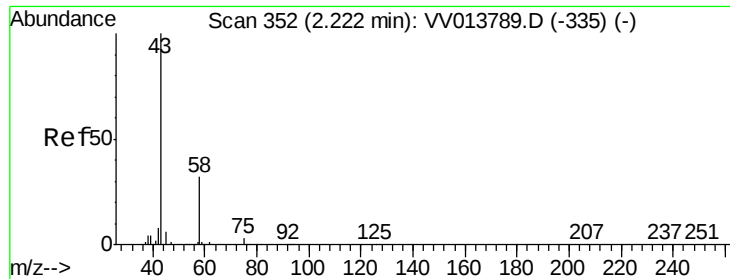


Abundance Ion 96.00 (95.70 to 96.70): VV013789.D (-311) (-)

Ion 61.05 (60.75 to 61.75): VV013789.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV013789.D (-311) (-)





#13

Acetone

Concen: 2.483 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

Instrument :

MSVOA_V

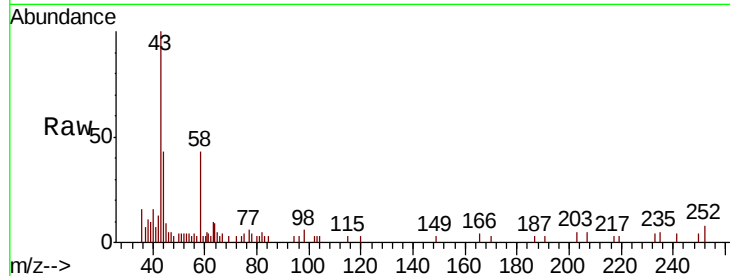
ClientSampleId :

Tot Ion: 43 Resp: 7201

Ion Ratio Lower Upper

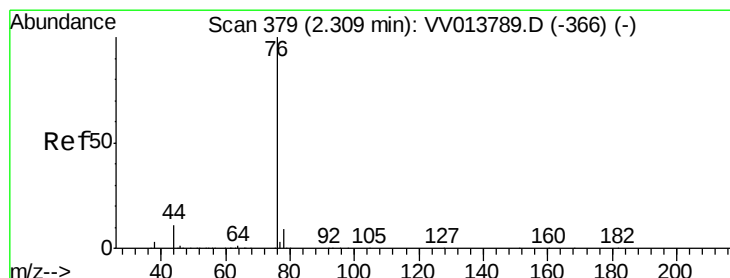
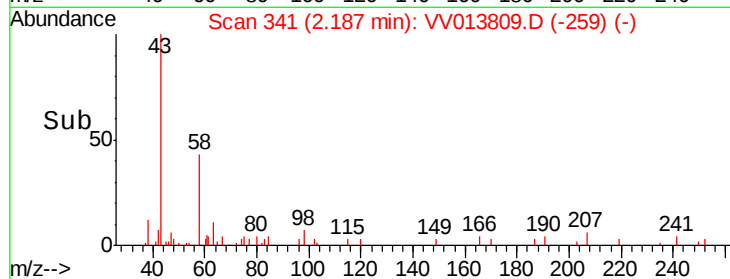
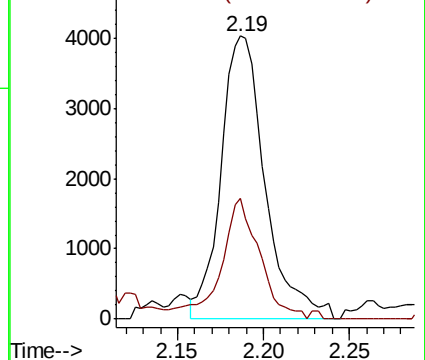
43 100

58 37.6 0.0 27.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.092 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013809.D

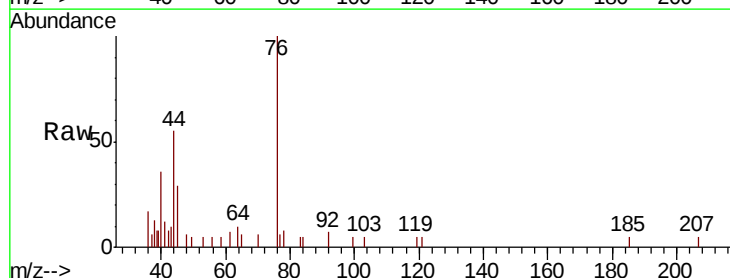
Acq: 27 Nov 2019 00:27

Tgt Ion: 76 Resp: 3295

Ion Ratio Lower Upper

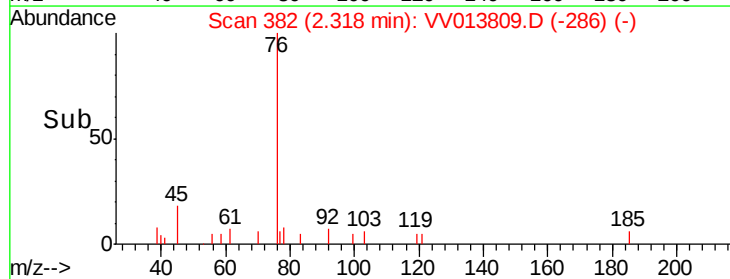
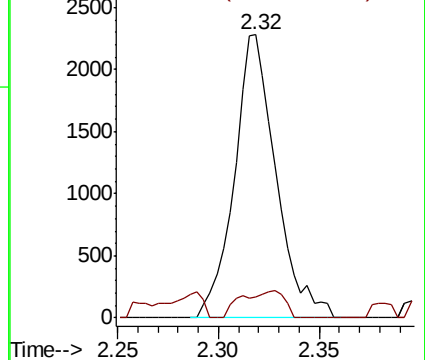
76 100

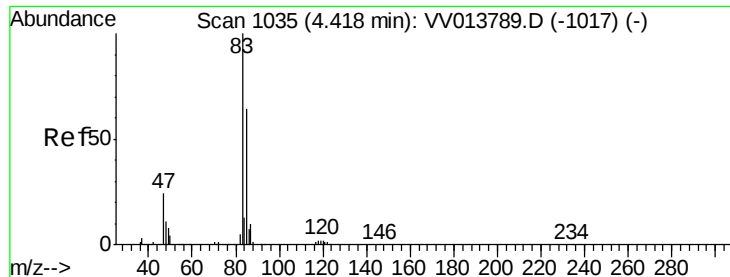
78 7.5 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#25

Chloroform

Concen: 0.844 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013809.D

Acq: 27 Nov 2019 00:27

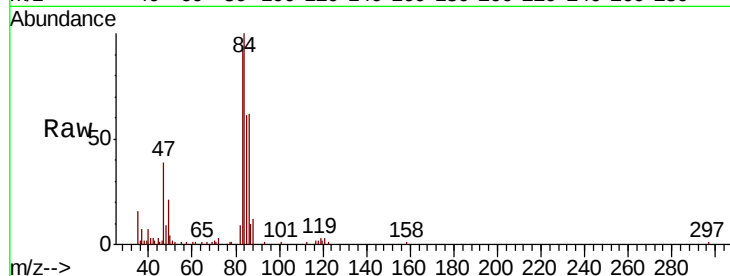
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 31259

Ion Ratio Lower Upper

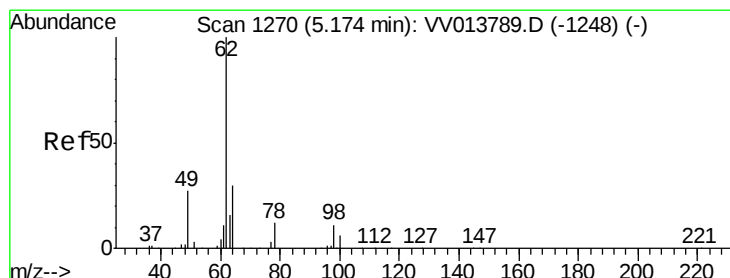
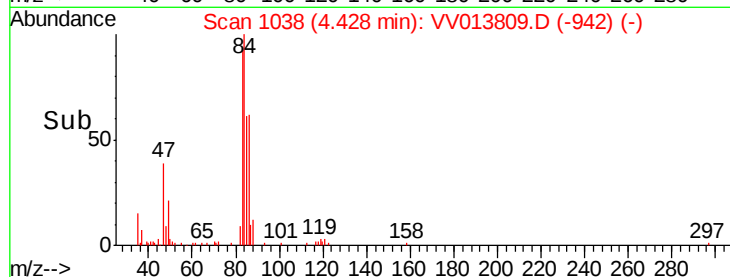
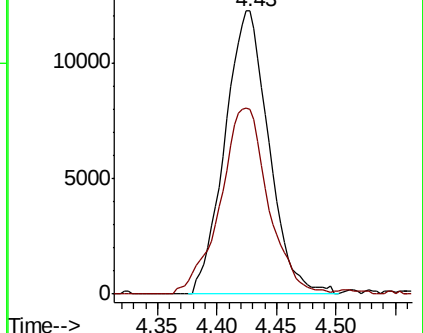
83 100

85 65.3 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV013789.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV013809.D (-942) (-)



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.07 min

Lab File: VV013809.D

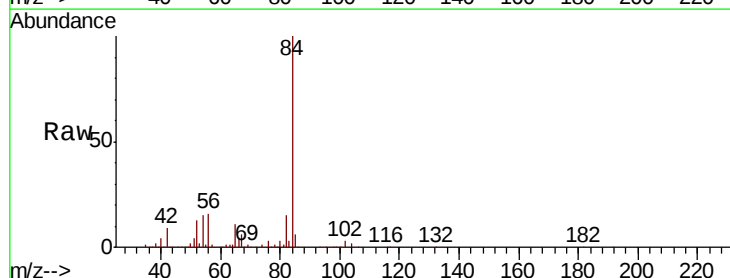
Acq: 27 Nov 2019 00:27

Tgt Ion: 62 Resp: 1960

Ion Ratio Lower Upper

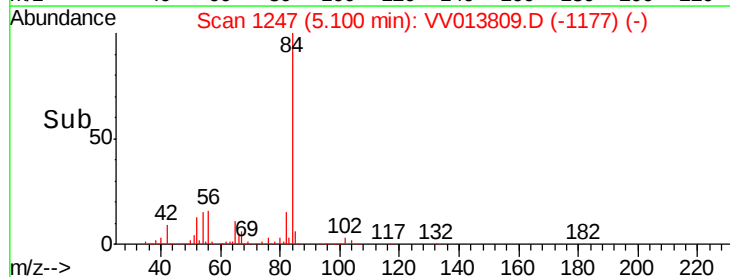
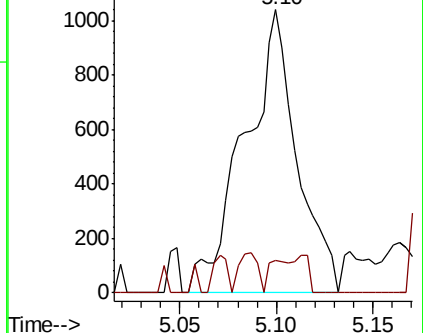
62 100

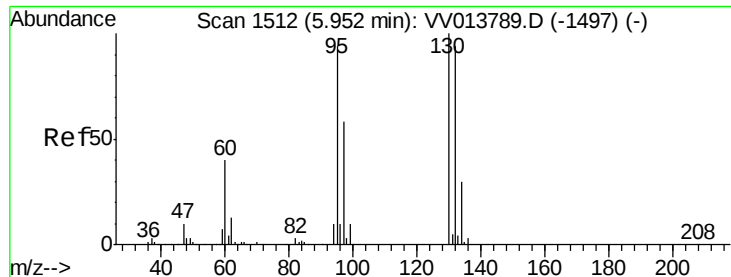
98 11.4 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VV013789.D (-1248) (-)

Ion 98.05 (97.75 to 98.75): VV013809.D (-1177) (-)

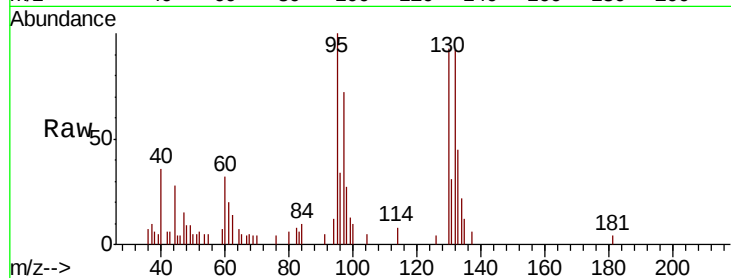




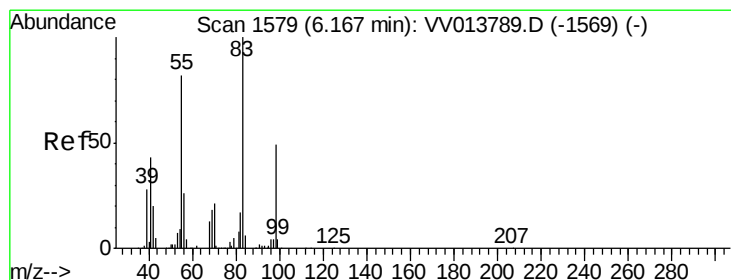
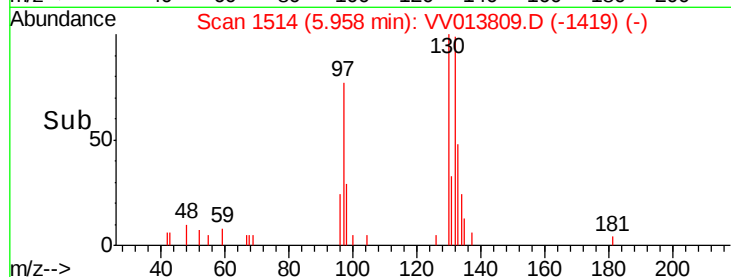
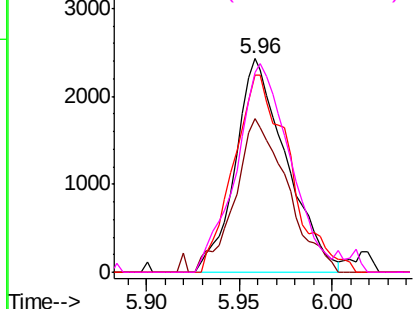
#34
 Trichloroethene
 Concen: 0.214 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: VV013809.D
 Acq: 27 Nov 2019 00:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 4630
 Ion Ratio Lower Upper
 95 100
 97 71.8 45.6 84.8
 132 92.2 70.5 130.9
 130 93.4 75.9 140.9

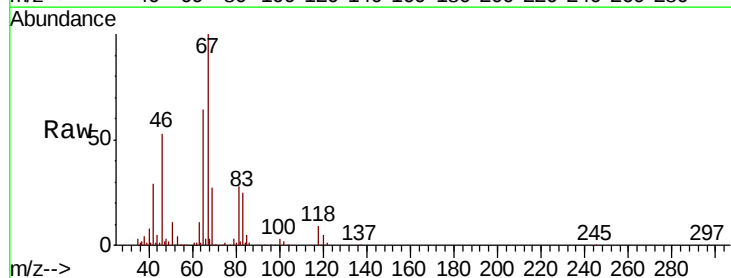


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

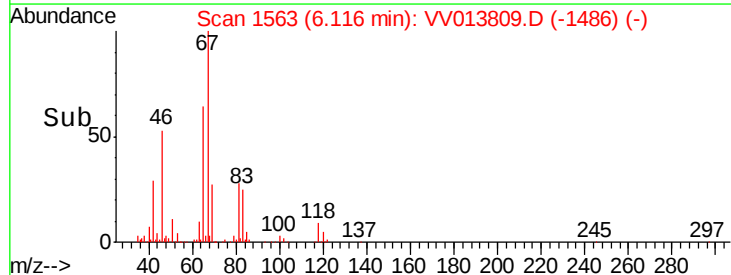
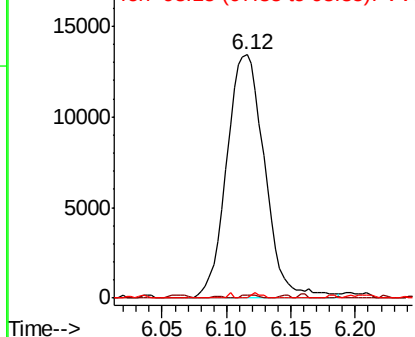


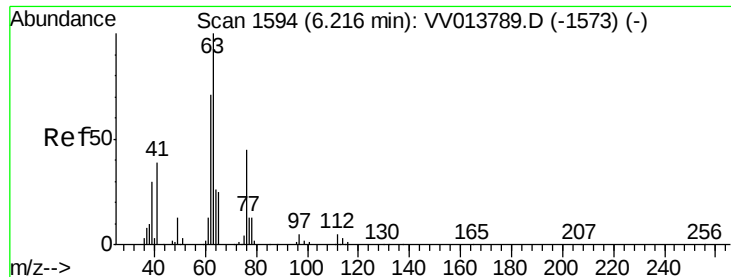
#35
 Methylcyclohexane
 Concen: 0.954 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV013809.D
 Acq: 27 Nov 2019 00:27

Tgt Ion: 83 Resp: 27560
 Ion Ratio Lower Upper
 83 100
 55 0.5 60.3 90.5#
 98 0.6 38.1 57.1#



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

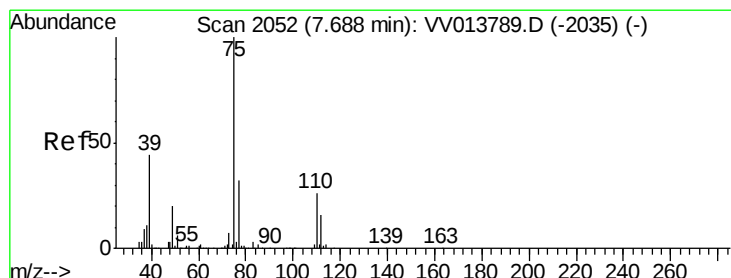
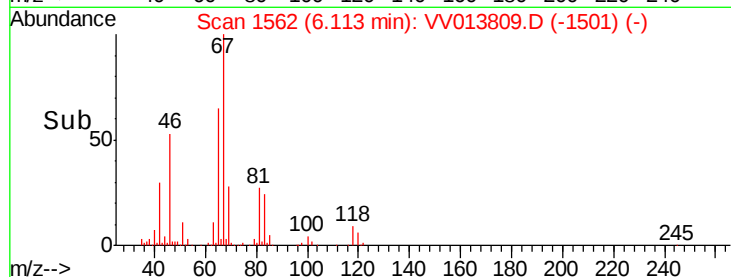
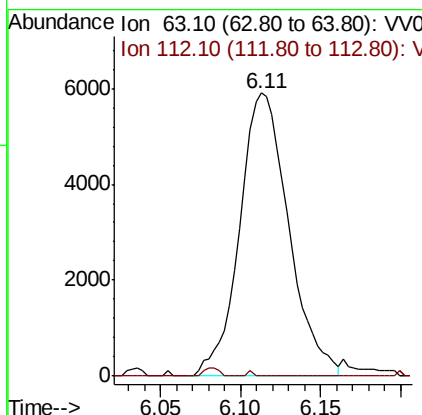
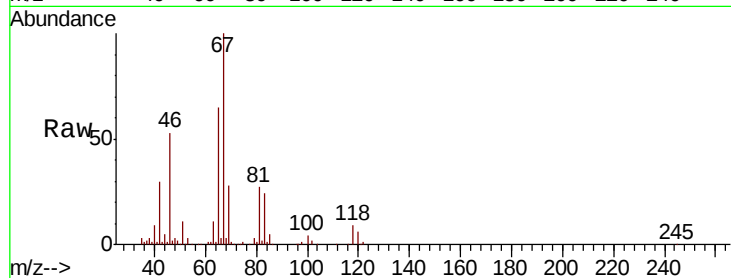




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013809.D
 Acq: 27 Nov 2019 00:27

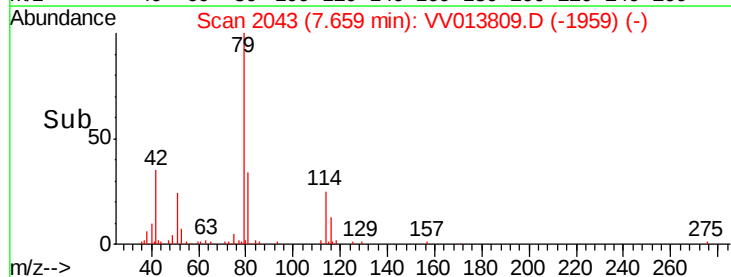
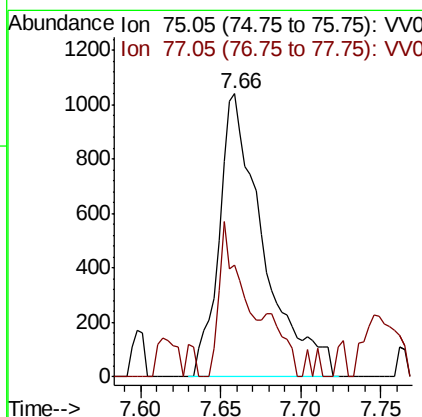
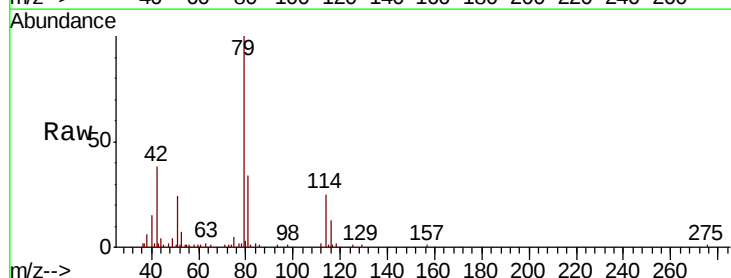
Instrument :
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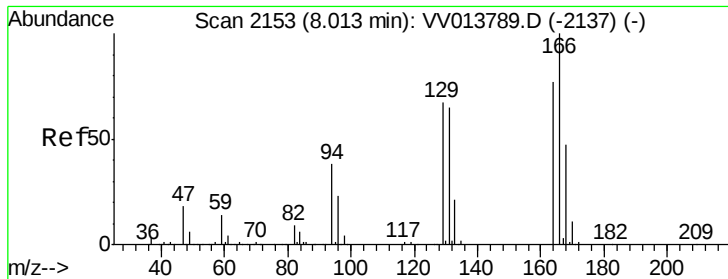
Tot Ion: 63 Resp: 12415
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.4 6.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013809.D
 Acq: 27 Nov 2019 00:27

Tgt Ion: 75 Resp: 1976
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.0 42.8

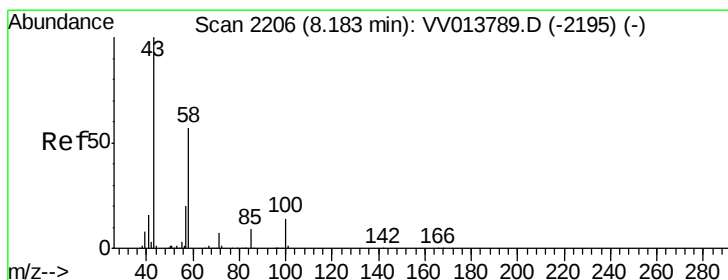
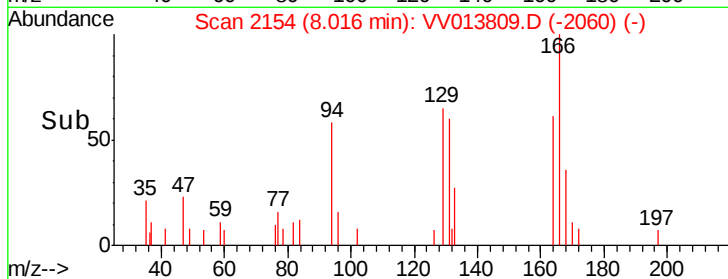
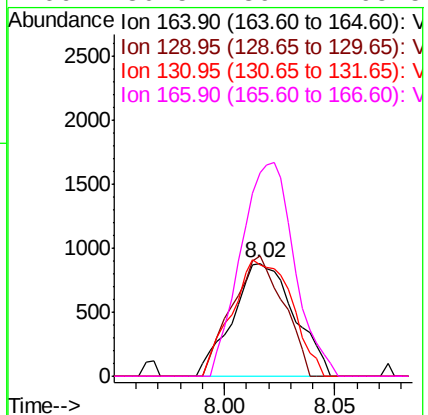
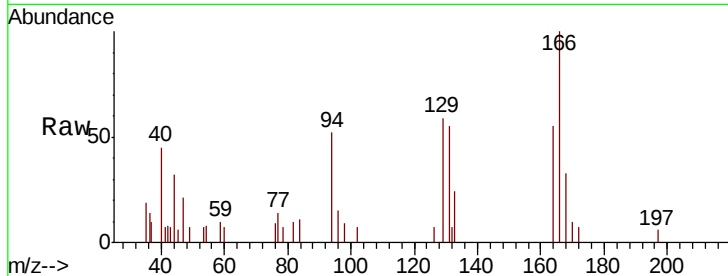




#47
Tetrachloroethene
Concen: 0.091 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013809.D
Acq: 27 Nov 2019 00:27

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 1711
Ion Ratio Lower Upper
164 100
129 106.7 60.3 112.1
131 98.8 59.9 111.3
166 180.5 89.1 165.5#



#48
2-Hexanone
Concen: 0.856 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV013809.D
Acq: 27 Nov 2019 00:27

Tgt Ion: 43 Resp: 7192
Ion Ratio Lower Upper
43 100
58 0.0 43.2 64.8#
57 0.0 15.4 23.2#
100 11.4 10.4 15.6

