

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019632.D
 Acq On : 15 Dec 2020 03:05
 Operator : SY/MD
 Sample : L5424-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX2

Quant Time: Dec 15 10:31:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	599226	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	565543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	251033	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	193406	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.02%
7) Chloroethane-d5	1.57	69	168008	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.14%
11) 1,1-Dichloroethene-d2	2.11	63	291176	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.02%
21) 2-Butanone-d5	3.90	46	267270	114.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.44%
24) Chloroform-d	4.35	84	391176	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
26) 1,2-Dichloroethane-d4	5.04	65	271482	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
32) Benzene-d6	5.05	84	778444	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.07	67	248623	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.24%
41) Toluene-d8	7.32	98	679562	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%
43) trans-1,3-Dichloropropene-	7.62	79	117121	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
47) 2-Hexanone-d5	8.09	63	185079	99.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.81%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	327834	51.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.63	152	254086	54.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.30%

Target Compounds

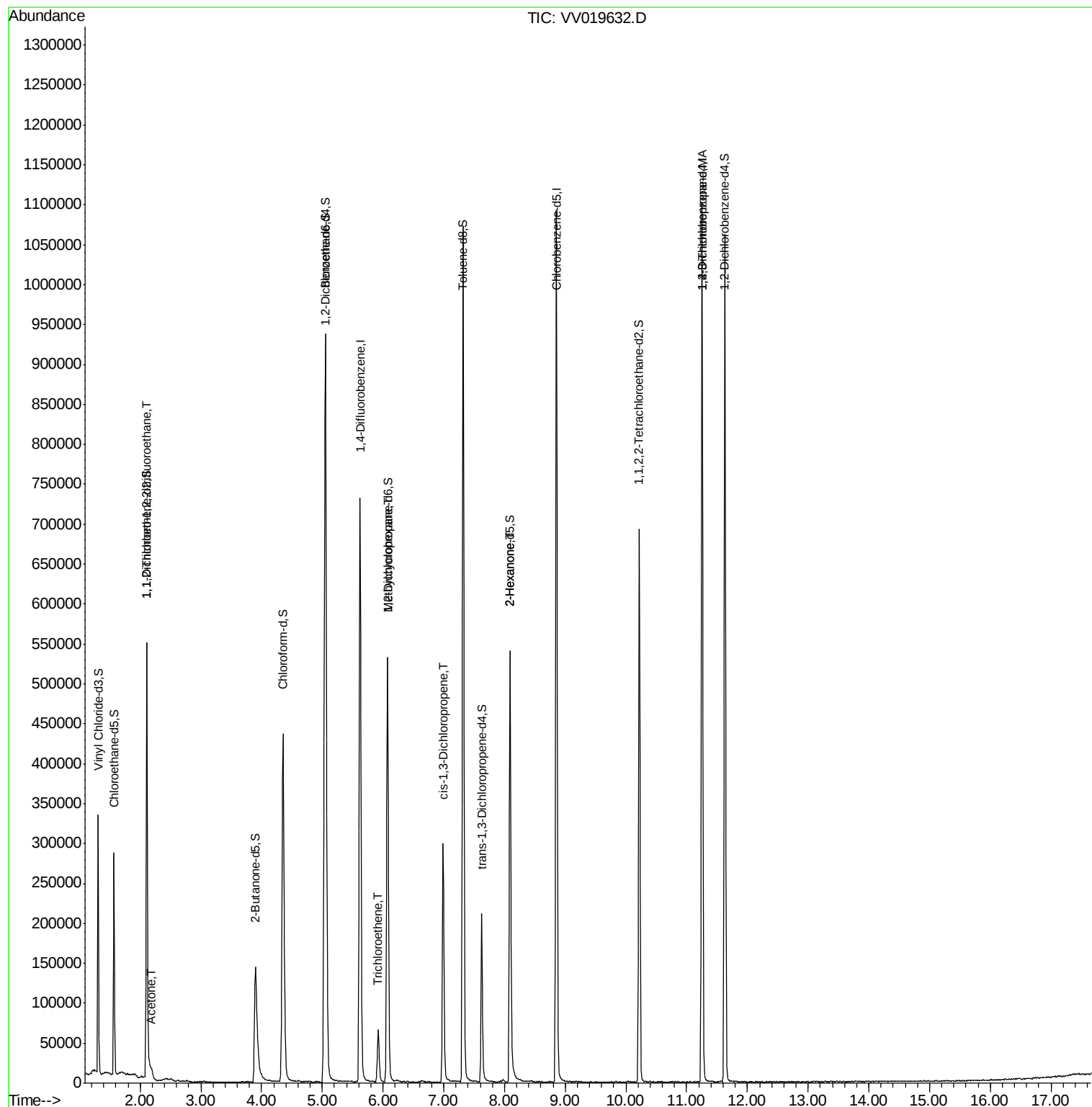
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2556	0.735	ug/L #	22
13) Acetone	2.19	43	17966	9.030	ug/L	94
34) Trichloroethene	5.92	95	21003	4.810	ug/L	96
35) Methylcyclohexane	6.07	83	59887	9.029	ug/L #	18
39) cis-1,3-Dichloropropene	6.99	75	7764	1.083	ug/L #	76
48) 2-Hexanone	8.09	43	22978	4.863	ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	34350	6.398	ug/L #	88

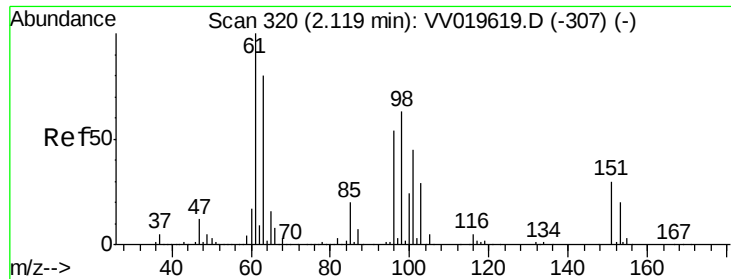
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.735 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019632.D

Acq: 15 Dec 2020 03:05

Instrument :

MSVOA_V

ClientSampled :

C0AX2

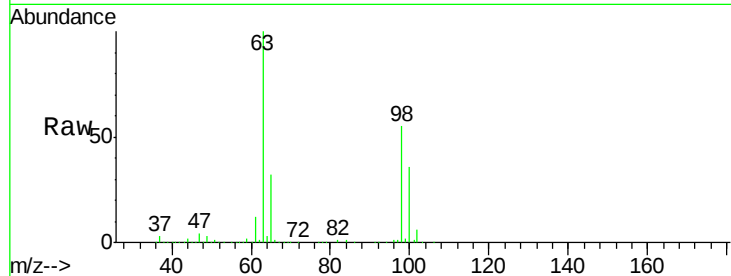
Tgt Ion: 101 Resp: 2556

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

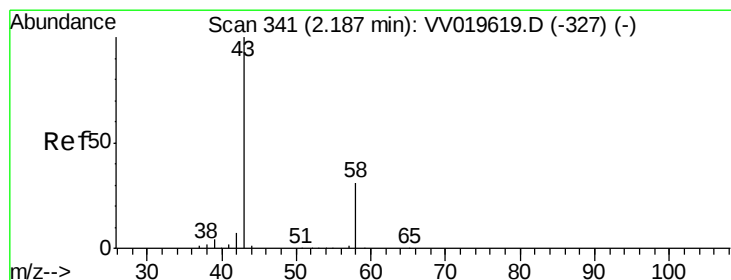
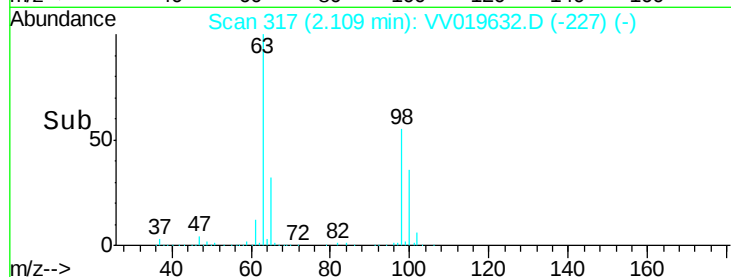
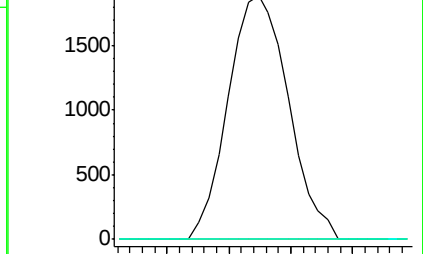
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019632.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019632.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019632.D (-227) (-)



#13

Acetone

Concen: 9.030 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019632.D

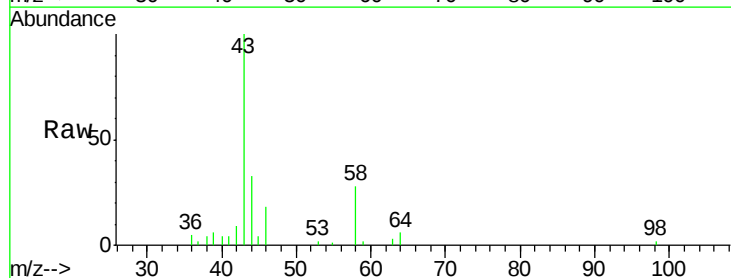
Acq: 15 Dec 2020 03:05

Tgt Ion: 43 Resp: 17966

Ion Ratio Lower Upper

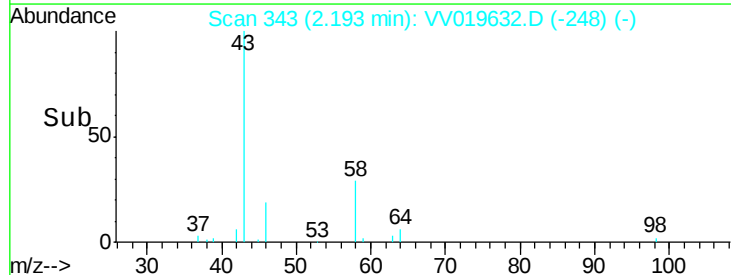
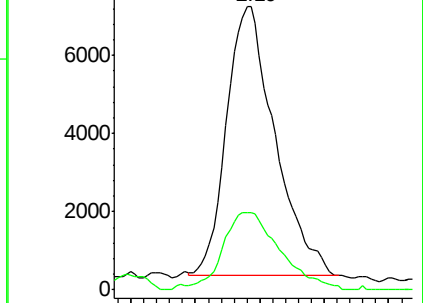
43 100

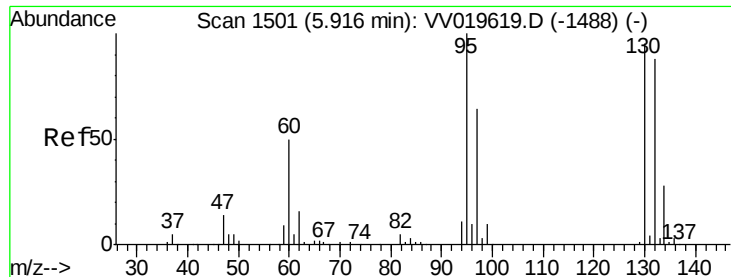
58 33.8 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019632.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV019632.D (-248) (-)

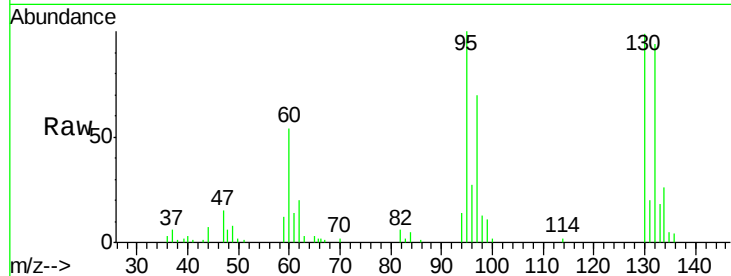




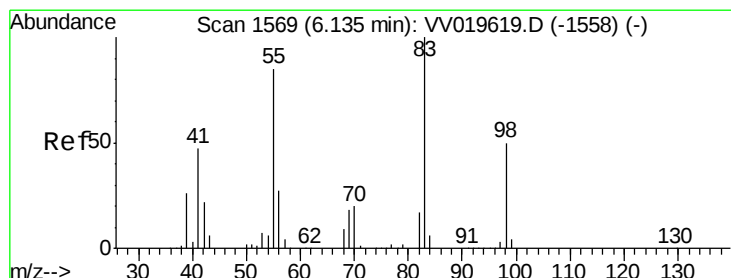
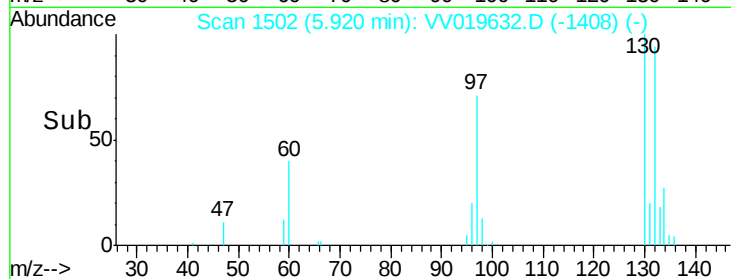
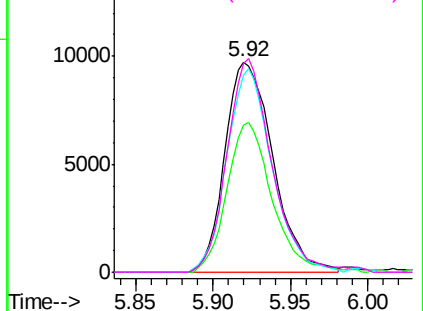
#34
 Trichloroethene
 Concen: 4.810 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019632.D
 Acq: 15 Dec 2020 03:05

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Tgt Ion: 95 Resp: 21003
 Ion Ratio Lower Upper
 95 100
 97 70.2 44.4 82.4
 132 93.7 64.3 119.3
 130 99.4 67.8 125.8

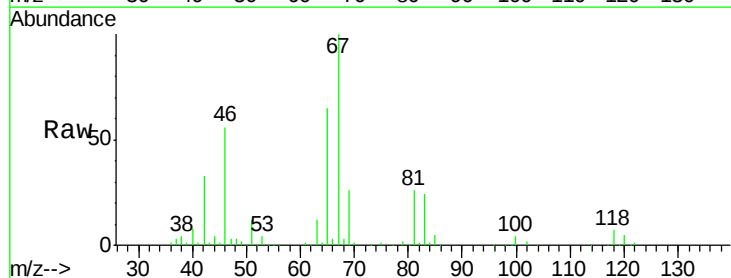


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

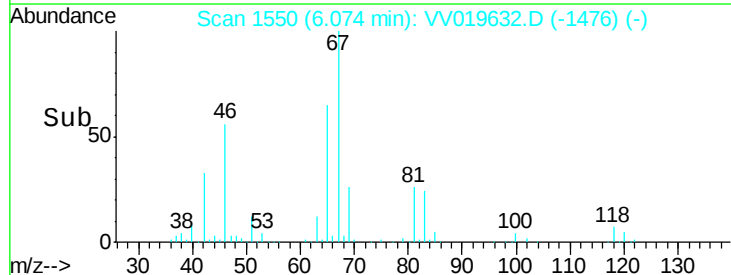
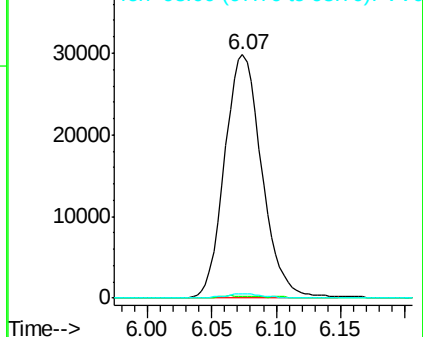


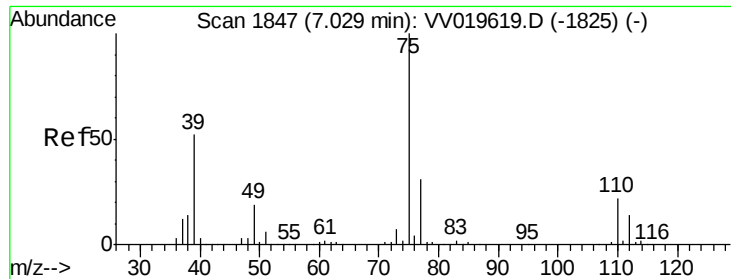
#35
 Methylcyclohexane
 Concen: 9.029 ug/L
 RT: 6.07 min Scan# 1550
 Delta R.T. -0.06 min
 Lab File: VV019632.D
 Acq: 15 Dec 2020 03:05

Tgt Ion: 83 Resp: 59887
 Ion Ratio Lower Upper
 83 100
 55 0.6 64.2 96.4#
 98 1.7 39.3 58.9#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

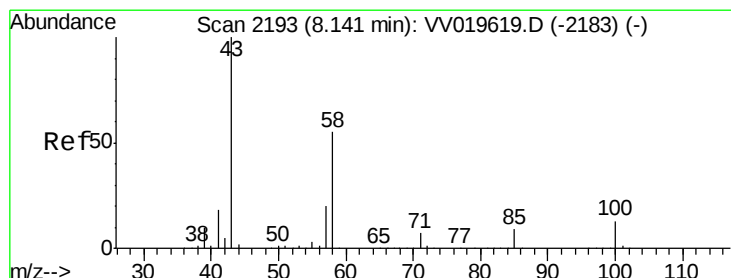
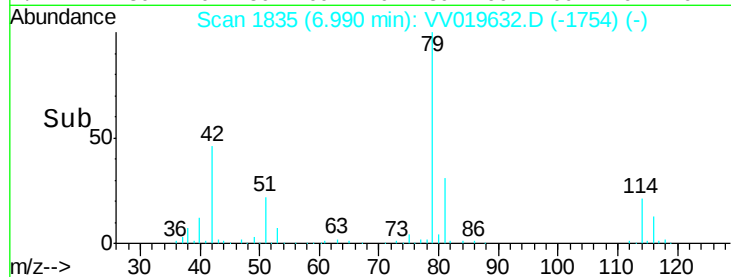
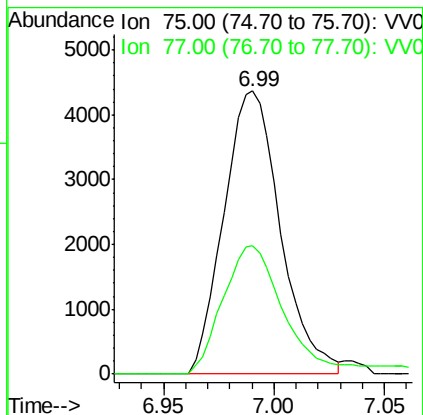
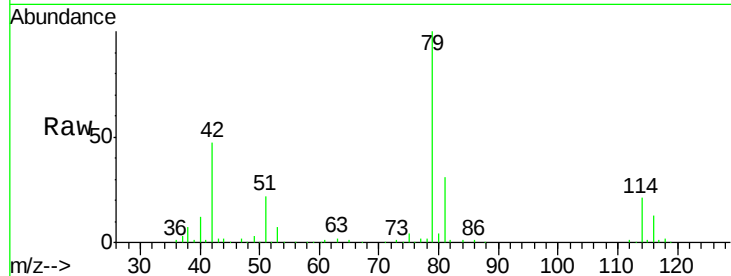




#39
 cis-1,3-Dichloropropene
 Concen: 1.083 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019632.D
 Acq: 15 Dec 2020 03:05

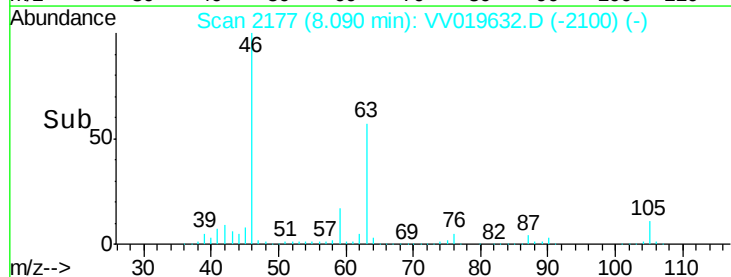
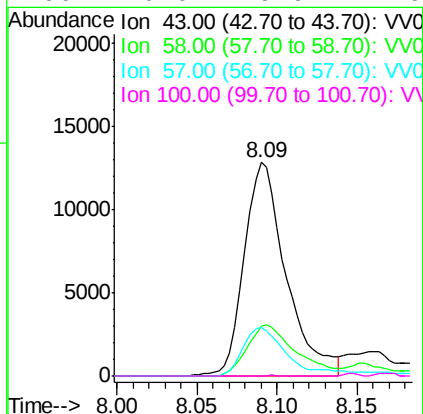
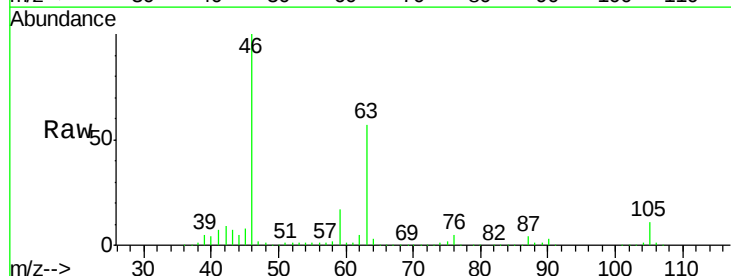
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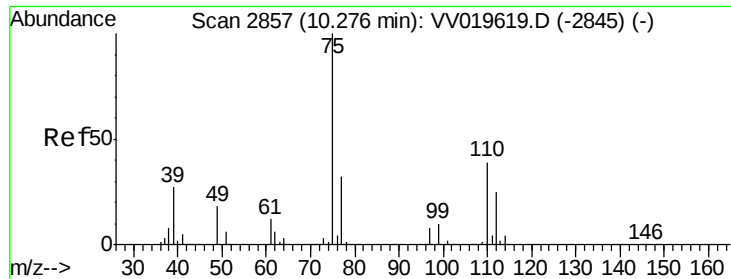
Tgt Ion: 75 Resp: 7764
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.4 41.6#



#48
 2-Hexanone
 Concen: 4.863 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019632.D
 Acq: 15 Dec 2020 03:05

Tgt Ion: 43 Resp: 22978
 Ion Ratio Lower Upper
 43 100
 58 27.3 44.4 66.6#
 57 21.6 15.7 23.5
 100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.398 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019632.D

Acq: 15 Dec 2020 03:05

Instrument :

MSVOA_V

ClientSampleId :

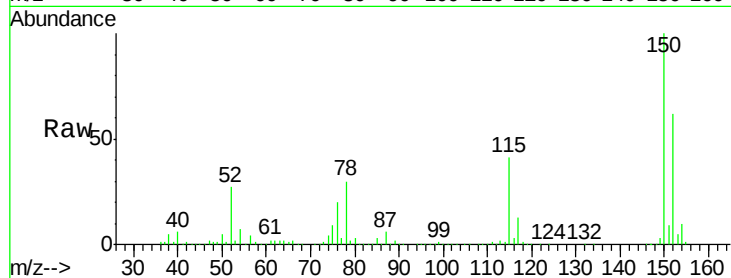
C0AX2

Tgt Ion: 75 Resp: 34350

Ion Ratio Lower Upper

75 100

77 38.9 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

