

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101620\
 Data File : VV018942.D
 Acq On : 16 Oct 2020 17:14
 Operator : SY/MD
 Sample : L4382-18
 Misc : 5.0ml/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG410

Quant Time: Oct 17 06:04:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 05:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300384	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139075	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112560	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.04%
7) Chloroethane-d5	1.58	69	95715	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.12	63	178327	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.40%
21) 2-Butanone-d5	3.90	46	153011	88.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.78%
24) Chloroform-d	4.38	84	200250	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.06	65	143403	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.08	84	398403	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
36) 1,2-Dichloropropane-d6	6.09	67	128612	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.34	98	351902	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%
43) trans-1,3-Dichloropropene-	7.64	79	60165	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.40%
47) 2-Hexanone-d5	8.11	63	79364	76.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125634	38.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	143529	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

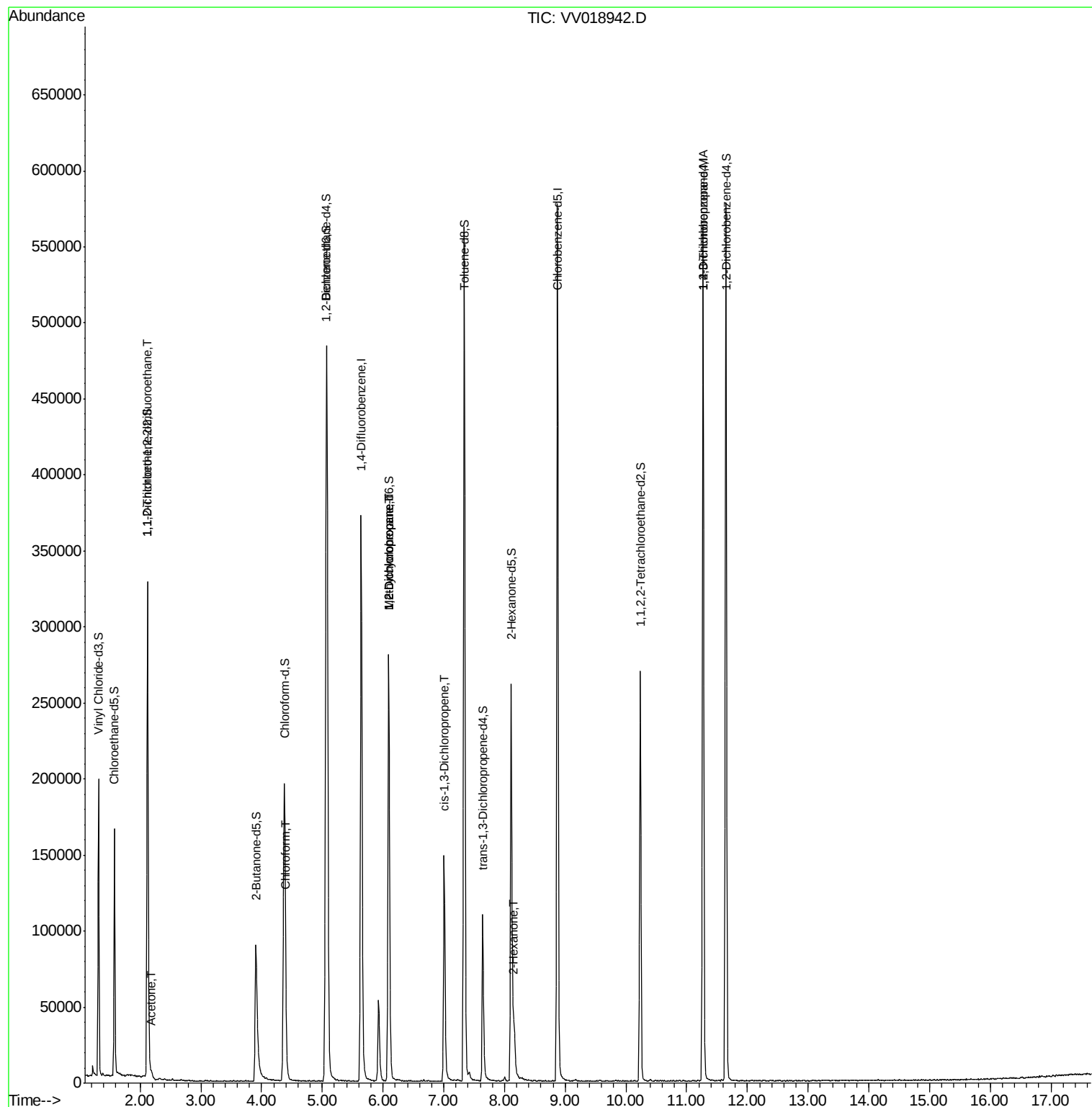
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1600	0.821 ug/L #	20
13) Acetone	2.19	43	4748	3.770 ug/L	67
25) Chloroform	4.41	83	4097	0.955 ug/L	96
35) Methylcyclohexane	6.09	83	31451	9.847 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	14954	6.108 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3493	0.950 ug/L #	57
48) 2-Hexanone	8.16	43	23011	8.596 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	17046	5.752 ug/L #	87

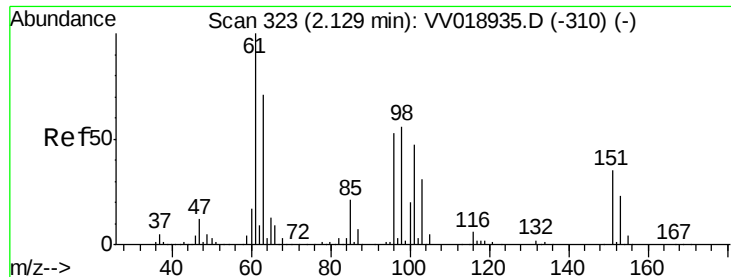
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 17 05:56:05 2020
Response via : Initial Calibration





#10

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

Concen: 0.821 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018942.D

Acq: 16 Oct 2020 17:14

Instrument :

MSVOA_V

ClientSampled :

BG410

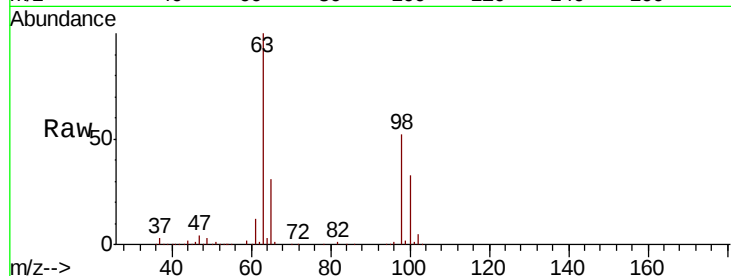
Tot Ion:101 Resp: 1600

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

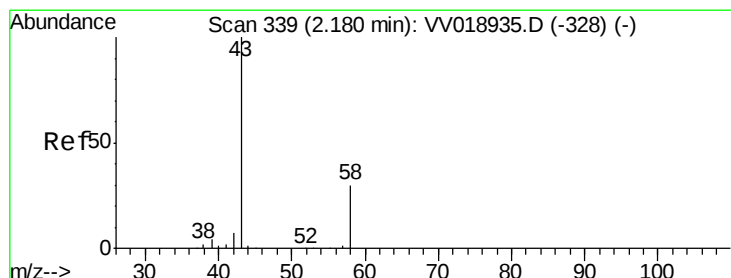
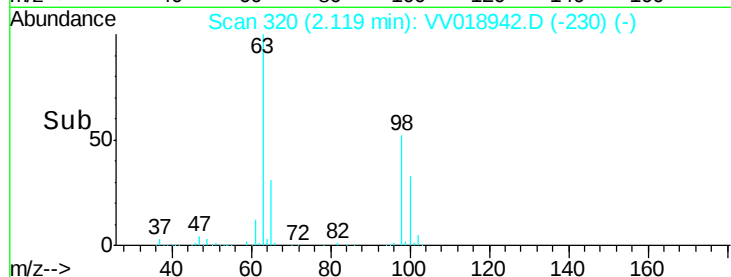
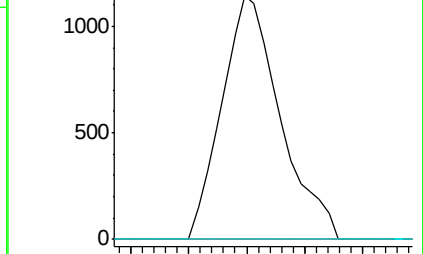
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): VV018935.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV018935.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV018935.D (-310) (-)



#13

Acetone

Concen: 3.770 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV018942.D

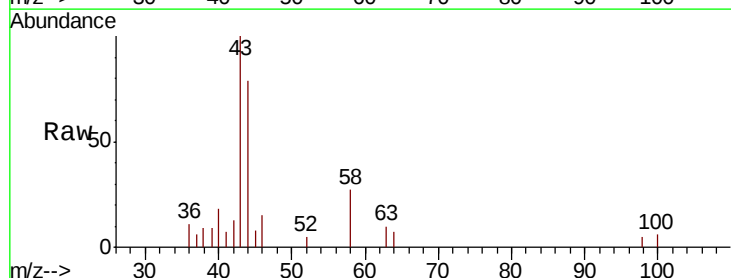
Acq: 16 Oct 2020 17:14

Tgt Ion: 43 Resp: 4748

Ion Ratio Lower Upper

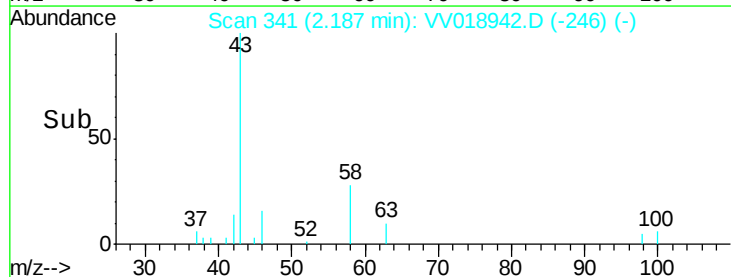
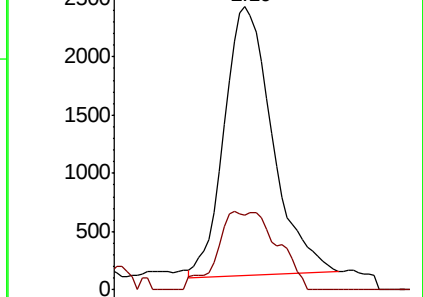
43 100

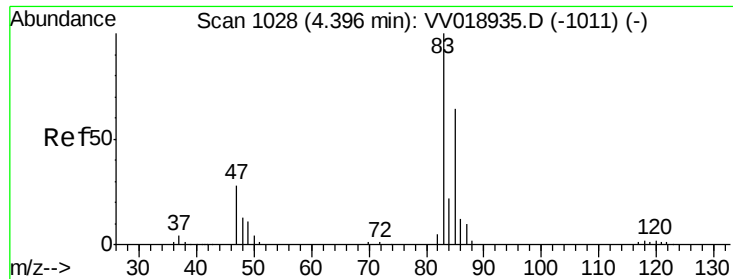
58 11.9 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV018935.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV018935.D (-328) (-)

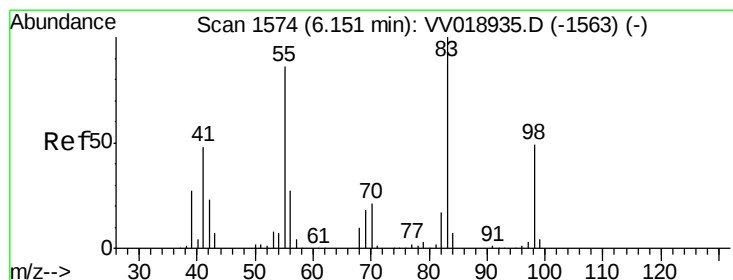
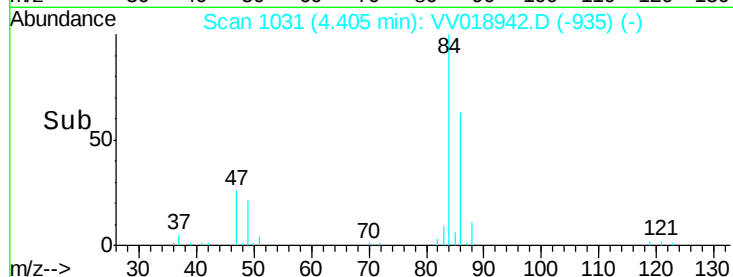
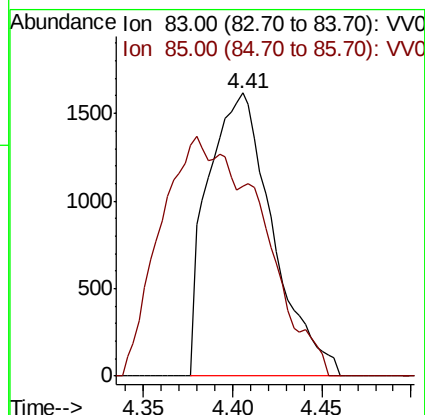
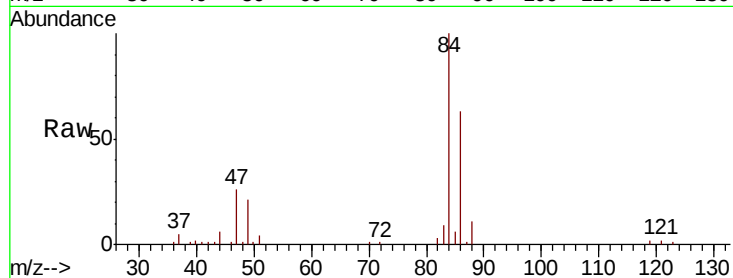




#25
Chloroform
Concen: 0.955 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV018942.D
Acq: 16 Oct 2020 17:14

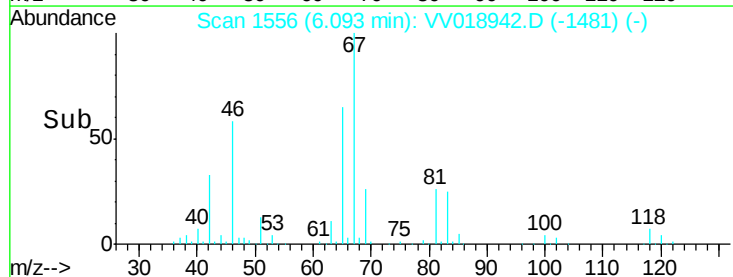
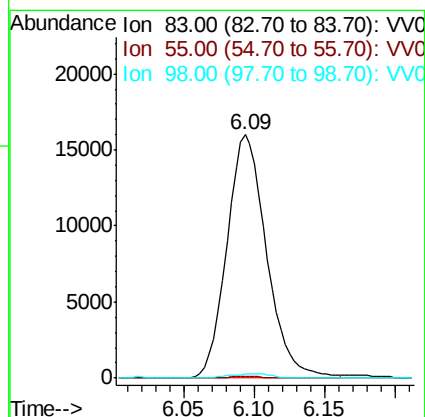
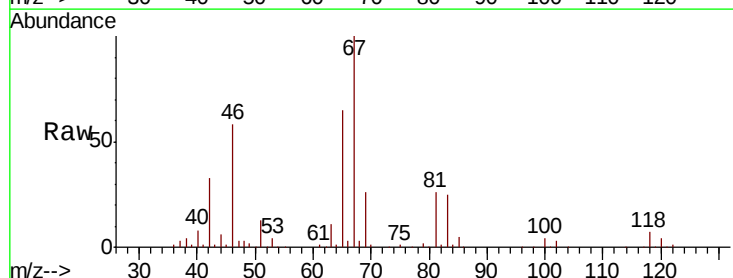
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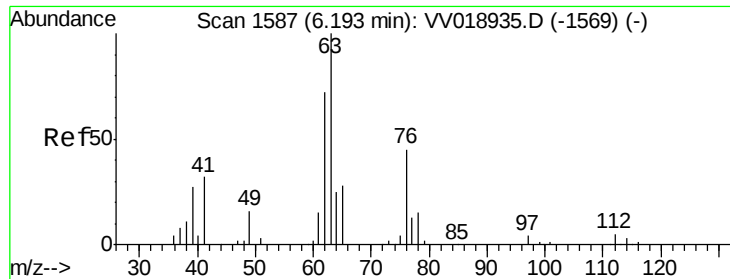
Tot Ion: 83 Resp: 4097
Ion Ratio Lower Upper
83 100
85 67.1 44.6 82.8



#35
Methylcyclohexane
Concen: 9.847 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018942.D
Acq: 16 Oct 2020 17:14

Tgt Ion: 83 Resp: 31451
Ion Ratio Lower Upper
83 100
55 0.4 67.3 100.9#
98 1.3 37.9 56.9#

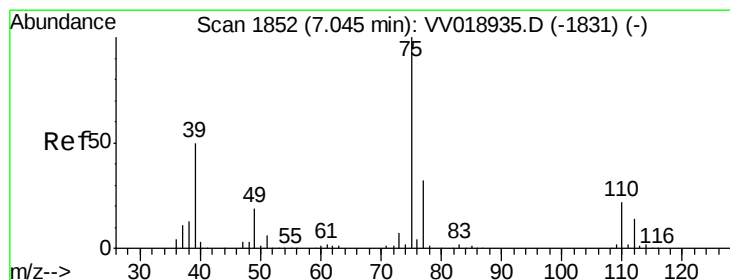
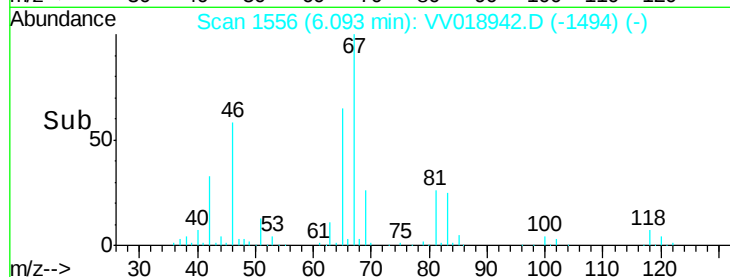
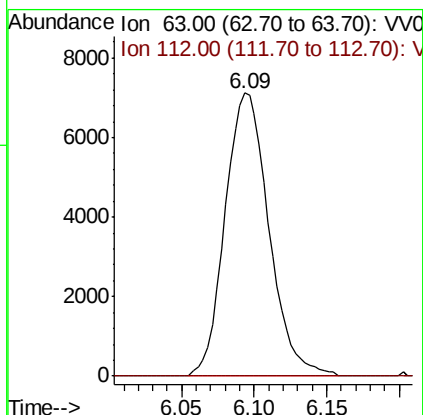
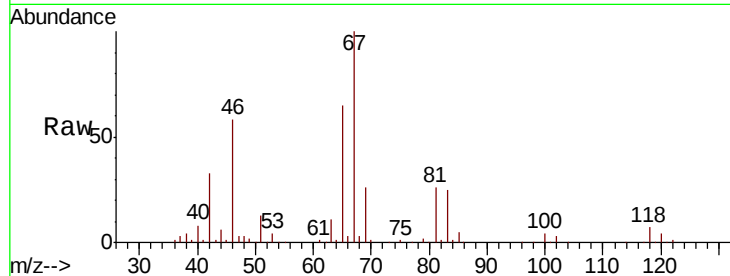




#37
 1,2-Dichloropropane
 Concen: 6.108 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018942.D
 Acq: 16 Oct 2020 17:14

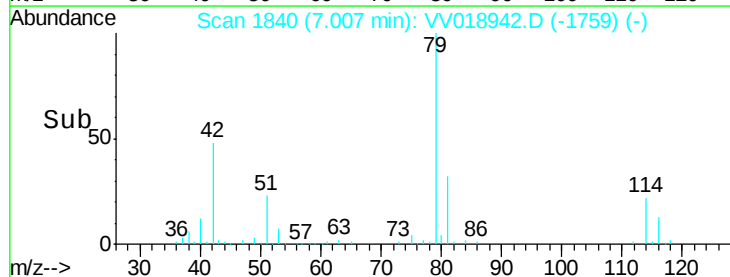
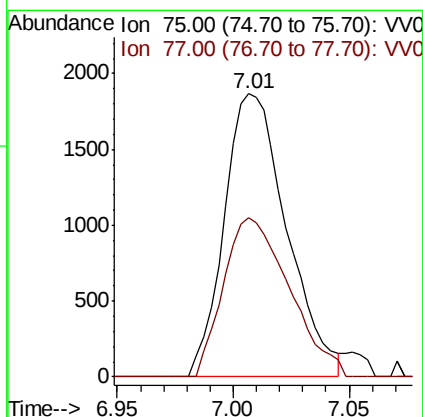
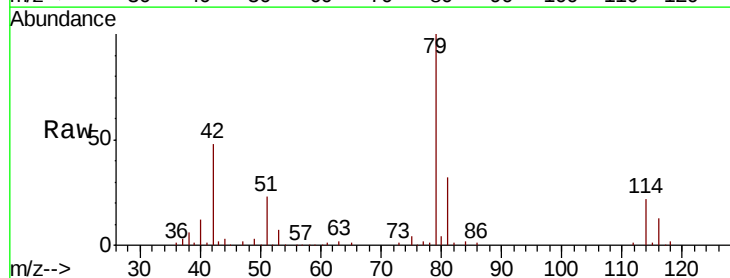
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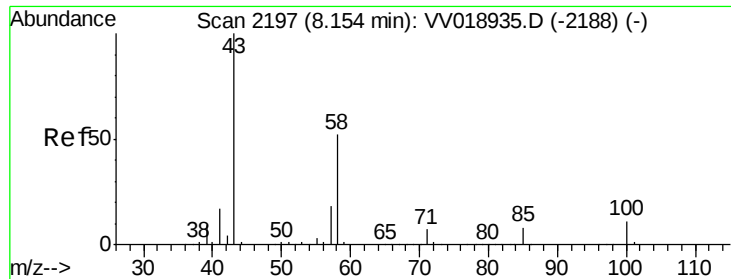
Tot Ion: 63 Resp: 14954
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.950 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018942.D
 Acq: 16 Oct 2020 17:14

Tgt Ion: 75 Resp: 3493
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.5 41.9#

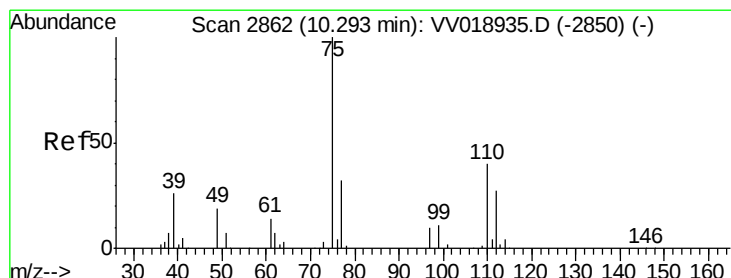
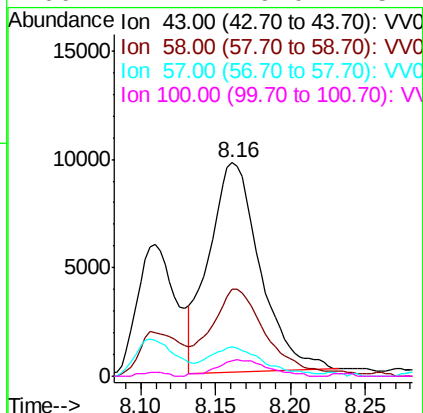
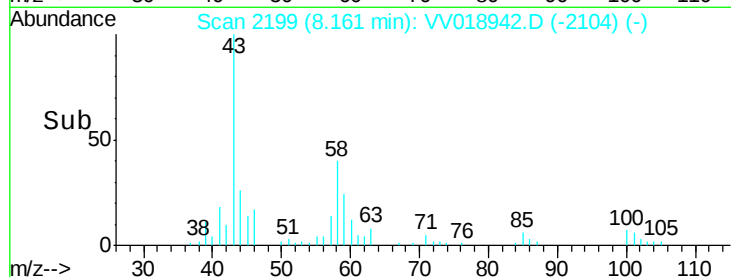
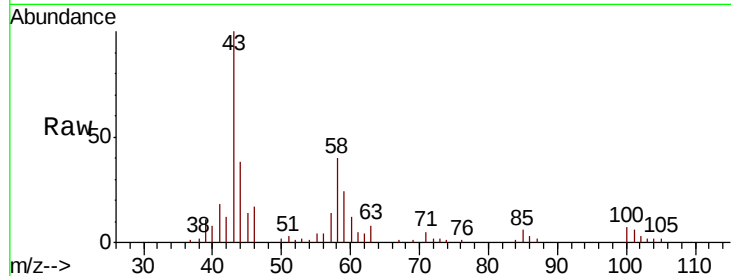




#48
2-Hexanone
Concen: 8.596 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018942.D
Acq: 16 Oct 2020 17:14

Instrument :
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ClientSampleId :
BG410

Tot Ion: 43 Resp: 23011
Ion Ratio Lower Upper
43 100
58 41.2 42.5 63.7#
57 15.3 14.5 21.7
100 7.7 9.0 13.4#



#59
1,2,3-Trichloropropane
Concen: 5.752 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018942.D
Acq: 16 Oct 2020 17:14

Tgt Ion: 75 Resp: 17046
Ion Ratio Lower Upper
75 100
77 39.2 25.4 38.2#

