

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007939.D
 Acq On : 28 Sep 2018 05:51
 Operator : SY/MD
 Sample : J5062-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC09

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	62	70	83	rVB	36071	41907	14.00%	1.428%
2	1.405	90	98	118	rBV2	42411	99851	33.35%	3.403%
3	1.582	146	153	166	rBV	33581	37456	12.51%	1.277%
4	2.129	314	323	335	rBV	73890	104710	34.97%	3.569%
5	2.483	423	433	447	rBV	18950	44377	14.82%	1.513%
6	3.769	823	833	847	rVB5	6213	14943	4.99%	0.509%
7	4.000	886	905	924	rBV2	19626	80941	27.03%	2.759%
8	4.164	946	956	975	rVB2	9942	28770	9.61%	0.981%
9	4.405	1014	1031	1050	rBV	50559	120097	40.11%	4.094%
10	4.582	1073	1086	1100	rBV3	5716	14129	4.72%	0.482%
11	5.097	1231	1246	1272	rBV2	125233	285605	95.38%	9.735%
12	5.264	1277	1298	1302	rBV6	4115	9832	3.28%	0.335%
13	5.666	1410	1423	1446	rVB	100200	193361	64.57%	6.591%
14	5.852	1474	1481	1490	rVB5	1837	3001	1.00%	0.102%
15	6.122	1553	1565	1580	rBV	66800	132315	44.19%	4.510%
16	6.344	1625	1634	1650	rBV3	11604	23539	7.86%	0.802%
17	6.492	1670	1680	1702	rVB	28920	54390	18.16%	1.854%
18	6.666	1726	1734	1755	rVB4	7213	14999	5.01%	0.511%
19	7.032	1837	1848	1865	rVB2	31631	54994	18.37%	1.875%
20	7.360	1938	1950	1965	rBV	145602	247390	82.62%	8.432%
21	7.434	1965	1973	1987	rVB2	9846	16356	5.46%	0.558%
22	7.669	2035	2046	2058	rBV	18848	32049	10.70%	1.092%
23	7.994	2134	2147	2165	rBV8	6074	20102	6.71%	0.685%
24	8.145	2182	2194	2222	rBV	160844	299441	100.00%	10.207%
25	8.289	2229	2239	2261	rVB5	13913	26466	8.84%	0.902%
26	8.498	2290	2304	2315	rBV	13739	23643	7.90%	0.806%
27	8.897	2416	2428	2444	rBV	148014	244571	81.68%	8.336%
28	9.540	2616	2628	2646	rBV4	6206	15485	5.17%	0.528%
29	9.858	2719	2727	2734	rVB6	3293	4599	1.54%	0.157%
30	9.977	2753	2764	2778	rBV2	9647	14502	4.84%	0.494%
31	10.183	2813	2828	2843	rBV5	7920	24923	8.32%	0.850%
32	10.267	2844	2854	2868	rVB	53181	83997	28.05%	2.863%
33	10.428	2895	2904	2915	rVB2	5510	9018	3.01%	0.307%
34	10.868	3034	3041	3050	rBV4	2526	4213	1.41%	0.144%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC09

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M

Title : TRACE VOA SOM01.0

35	11.299	3156	3175	3187	rBV	154695	242354	80.94%	8.261%
36	11.579	3251	3262	3274	rBV3	6796	12554	4.19%	0.428%
37	11.675	3279	3292	3304	rBV	150522	235500	78.65%	8.027%
38	12.058	3402	3411	3419	rBV4	2994	4867	1.63%	0.166%
39	12.299	3476	3486	3493	rBV5	2139	3583	1.20%	0.122%
40	13.501	3848	3860	3871	rVB9	1874	3841	1.28%	0.131%
41	14.093	4033	4044	4054	rVB	2798	5112	1.71%	0.174%

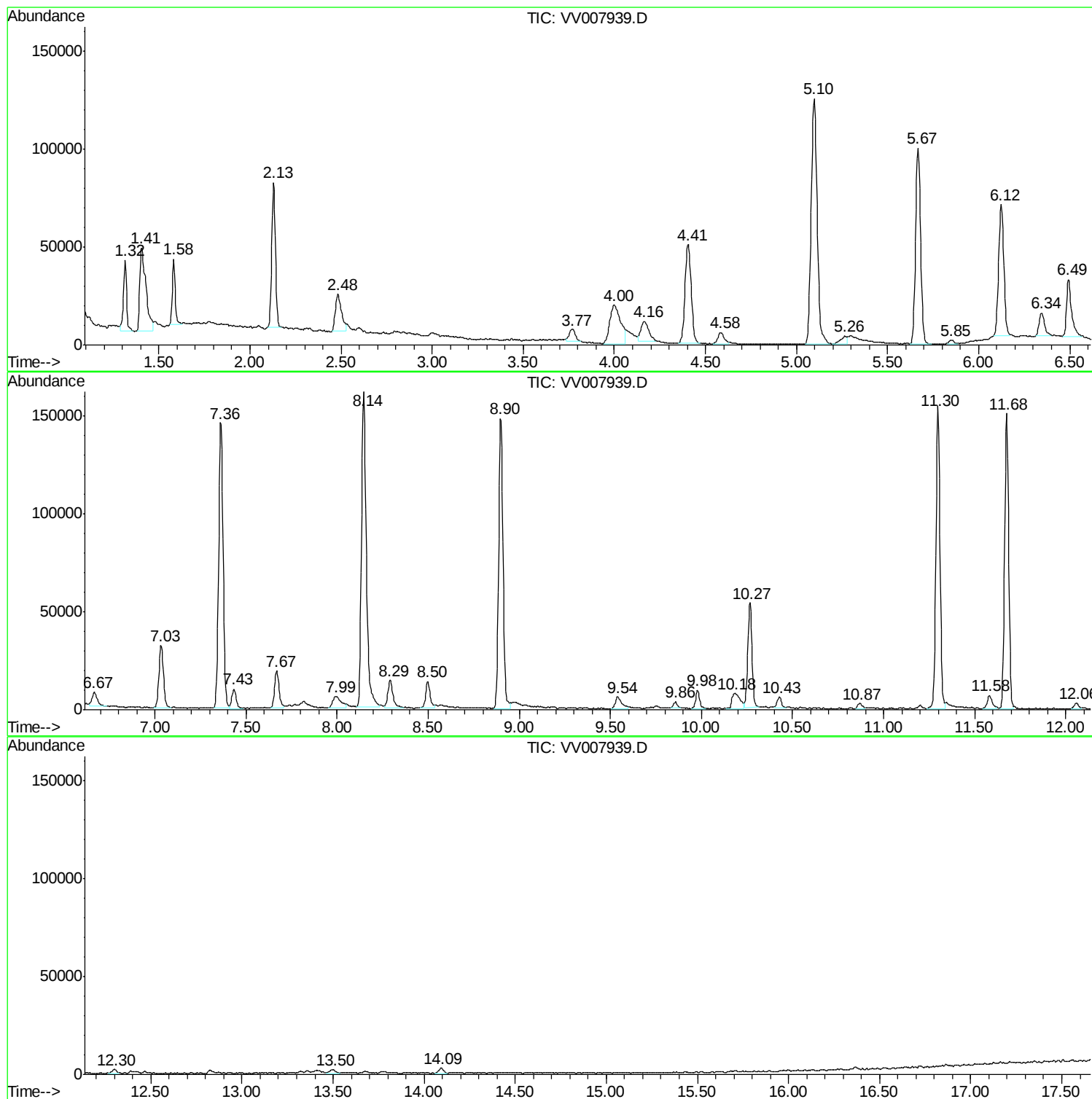
Sum of corrected areas: 2933783

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
GAC09

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

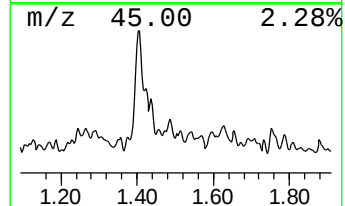
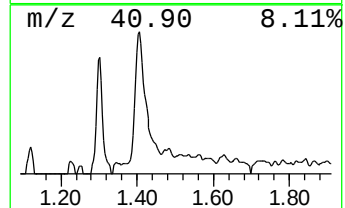
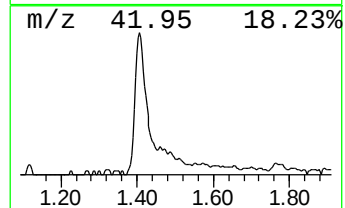
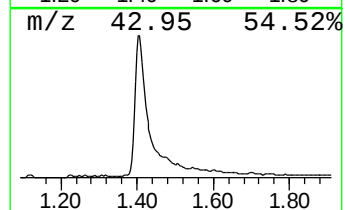
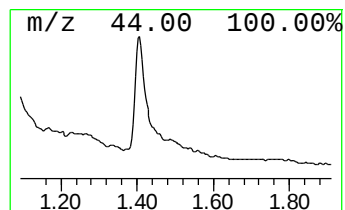
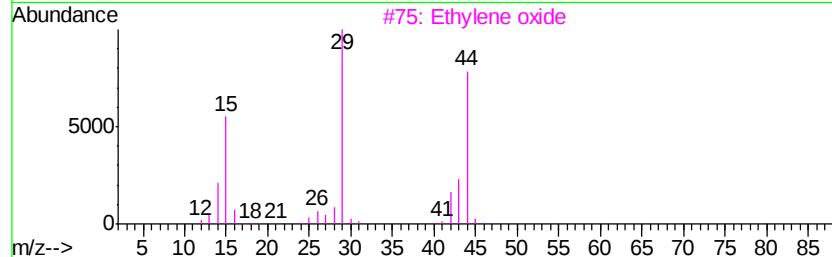
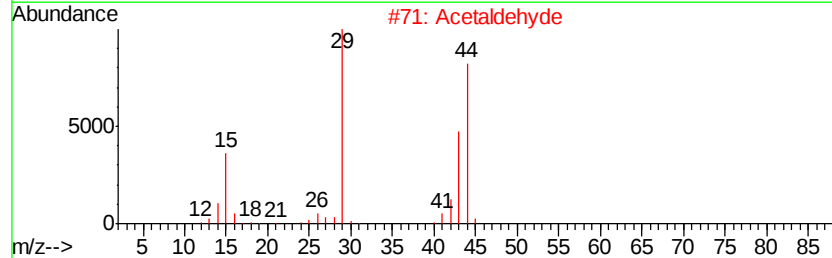
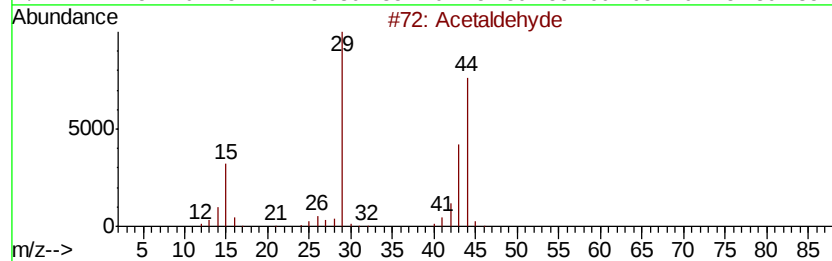
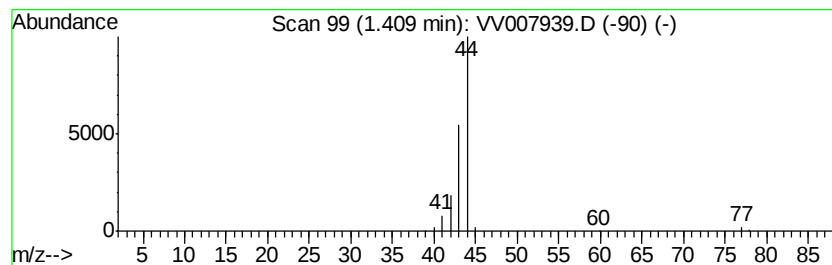
Instrument :
MSVOA_V
ClientSampleId :
GAC09

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.41	2.58 ug/L	99851	1,4-Difluorobenzene	5.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Acetaldehyde	44 C2H4O	000075-07-0	74
2	Acetaldehyde	44 C2H4O	000075-07-0	74
3	Ethylene oxide	44 C2H4O	000075-21-8	5
4	Ethylene oxide	44 C2H4O	000075-21-8	5
5	Ethylene oxide	44 C2H4O	000075-21-8	5



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC09

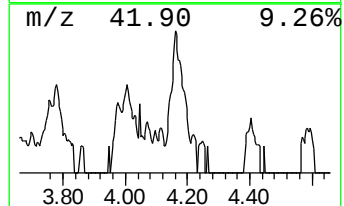
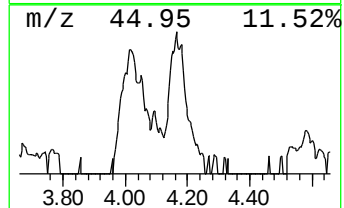
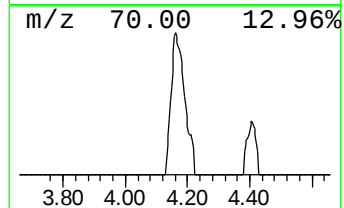
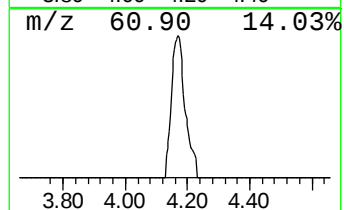
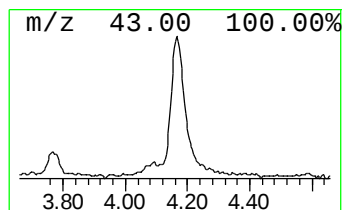
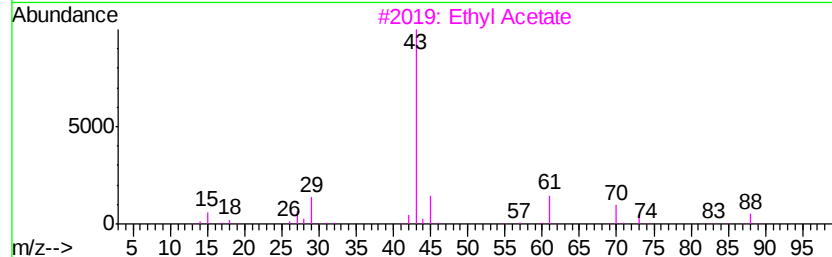
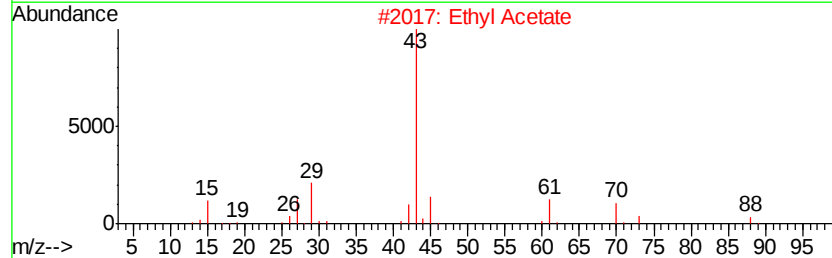
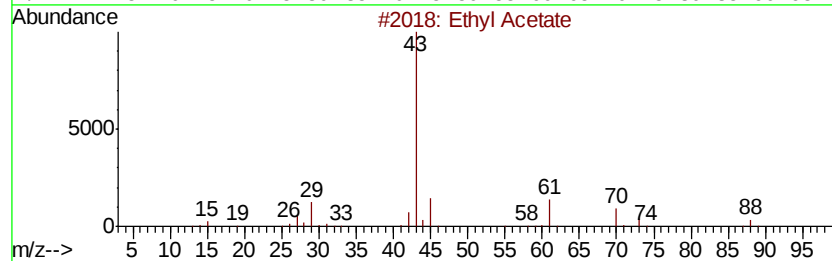
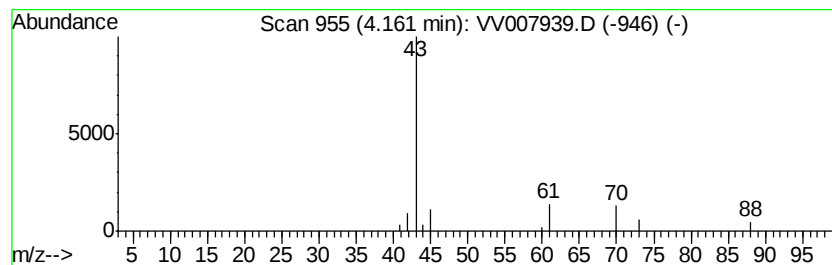
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	0.74 ug/L	28770	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	83
4			Ethyl Acetate	88	C4H8O2	000141-78-6	83
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
GAC09

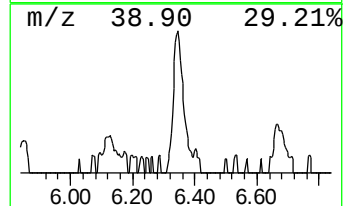
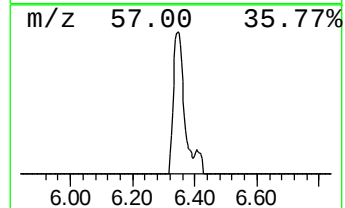
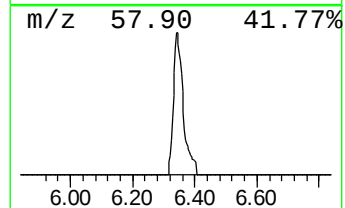
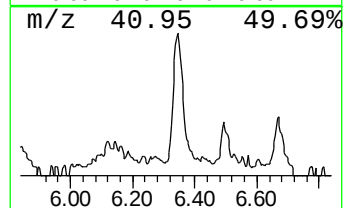
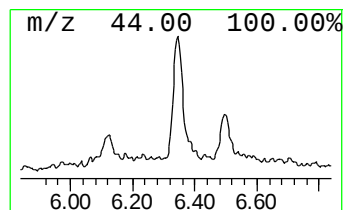
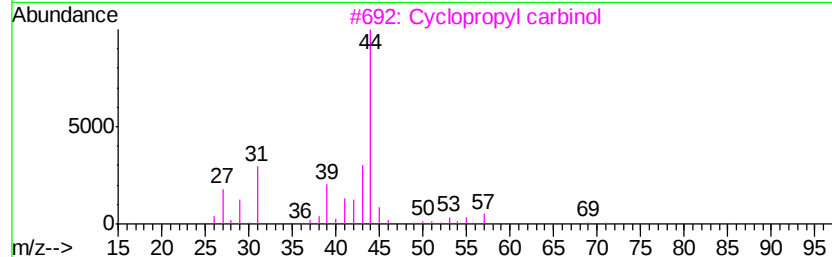
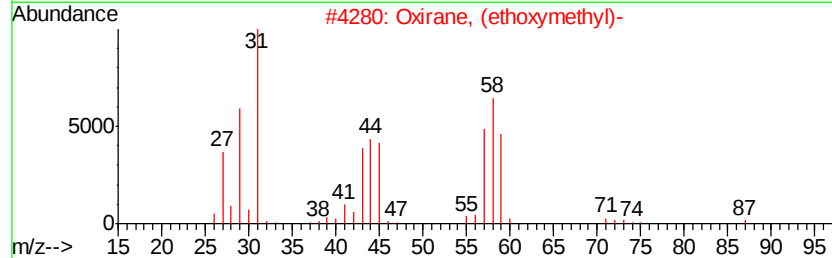
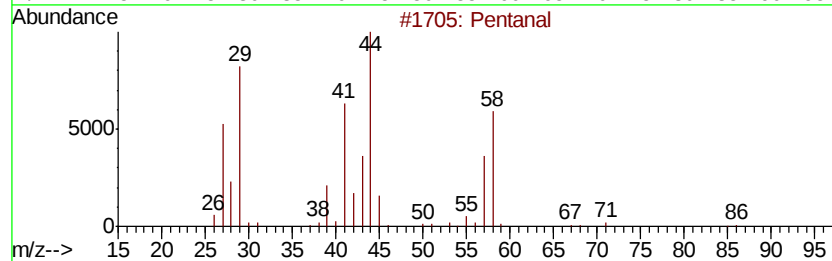
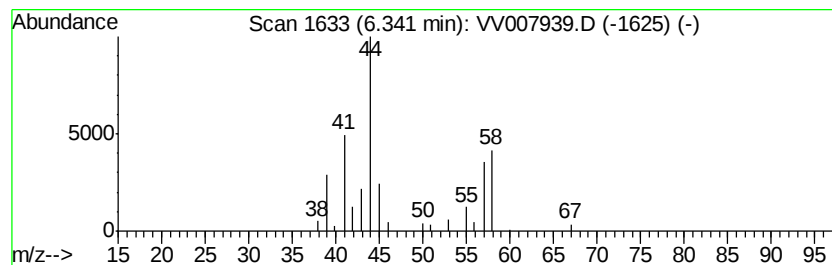
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	0.61 ug/L	23539	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	39
2		Oxirane, (ethoxymethyl)-	102	C5H10O2	004016-11-9	9
3		Cyclopropyl carbinol	72	C4H8O	002516-33-8	9
4		Pentanal	86	C5H10O	000110-62-3	9
5		Silane, methyl-	46	CH6Si	000992-94-9	7



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC09

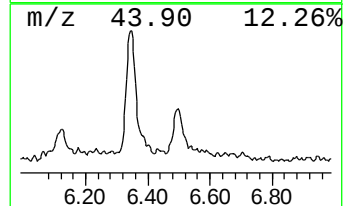
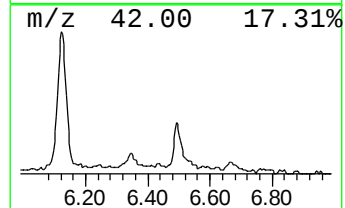
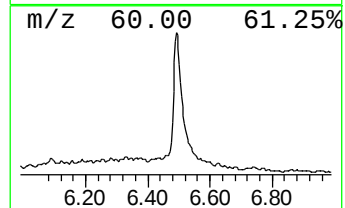
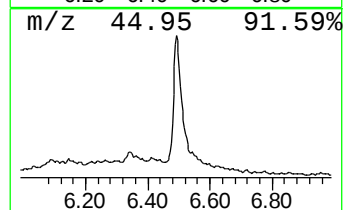
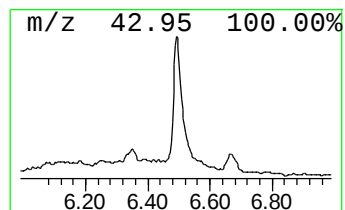
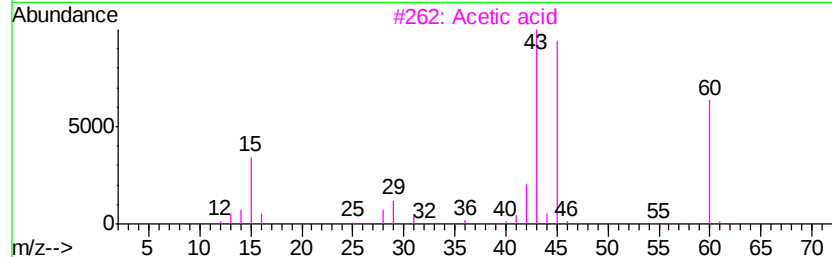
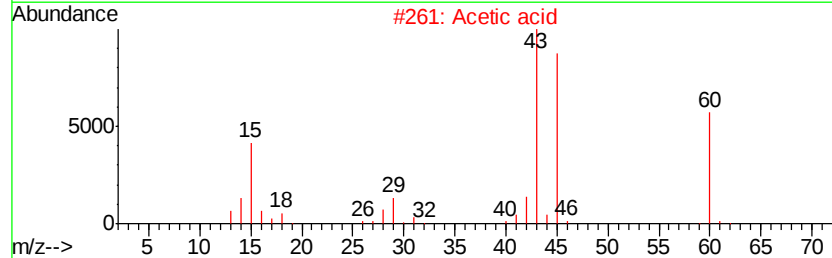
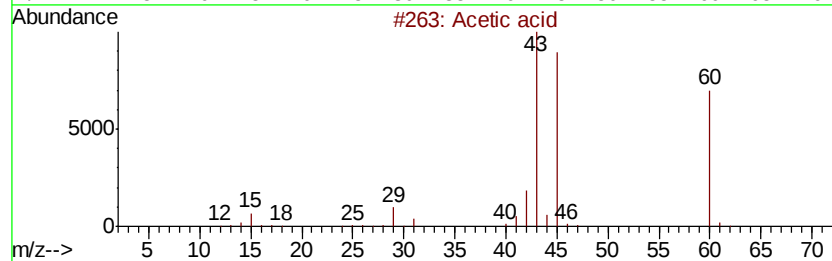
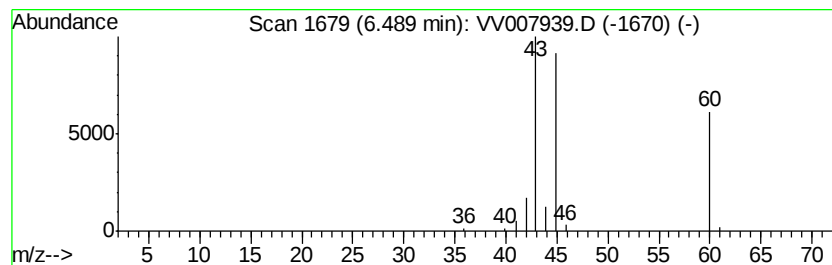
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Acetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	1.41 ug/L	54390	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid			60	C2H4O2	000064-19-7	90
2	Acetic acid			60	C2H4O2	000064-19-7	90
3	Acetic acid			60	C2H4O2	000064-19-7	83
4	Acetic acid			60	C2H4O2	000064-19-7	78
5	Acetic acid			60	C2H4O2	000064-19-7	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC09

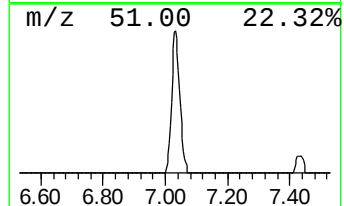
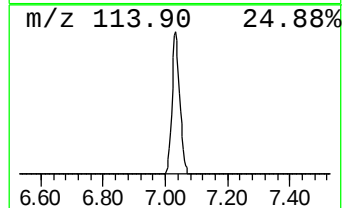
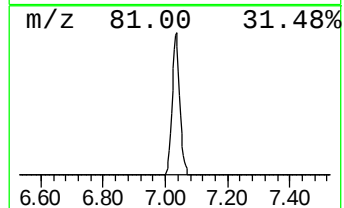
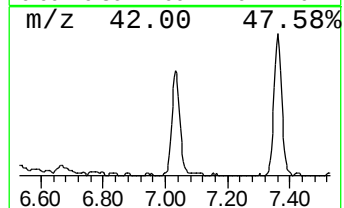
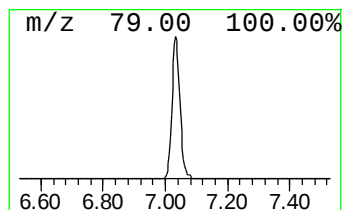
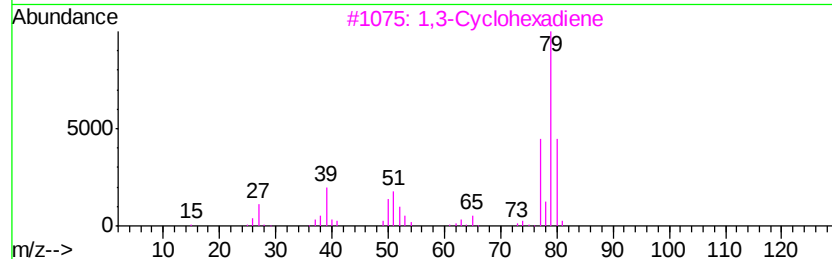
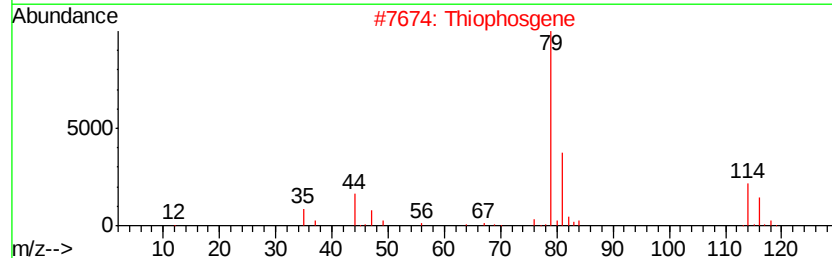
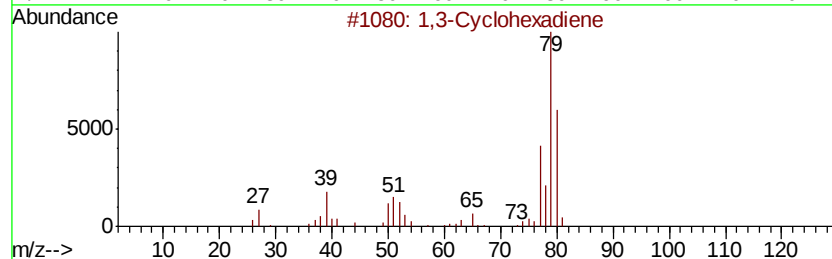
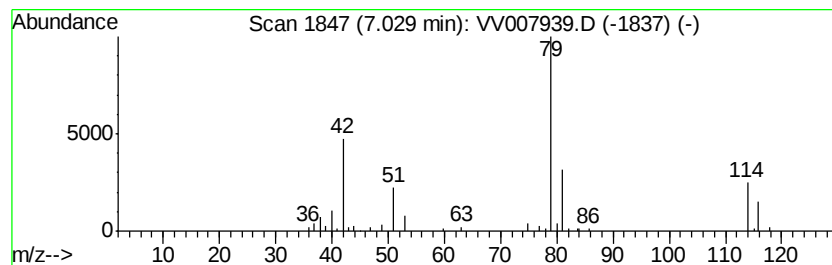
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	1.42 ug/L	54994	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	38
2		Thiophosgene	114	CCl2S	000463-71-8	38
3		1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
4		1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
5		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC09

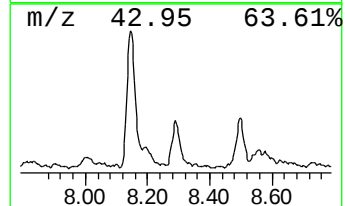
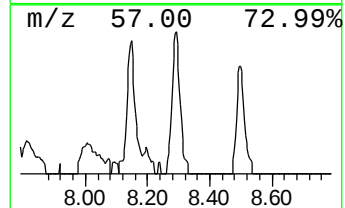
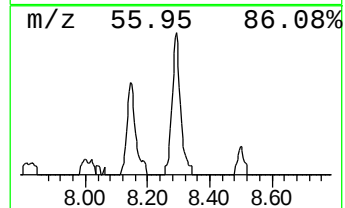
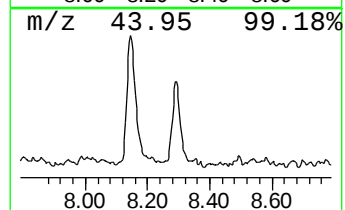
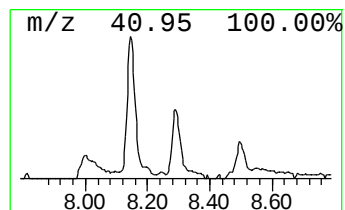
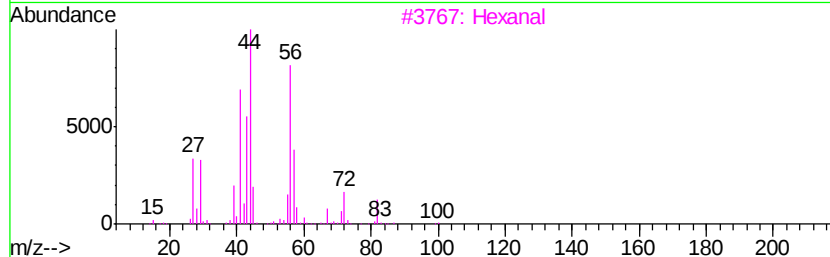
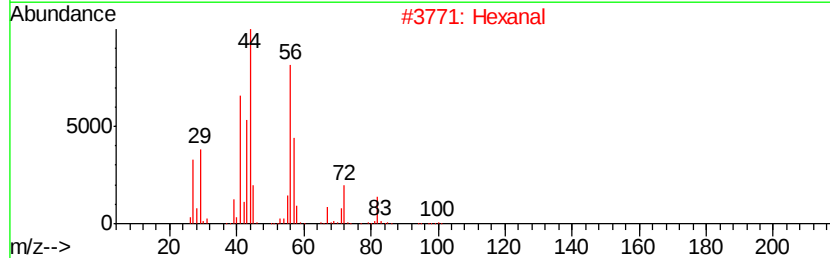
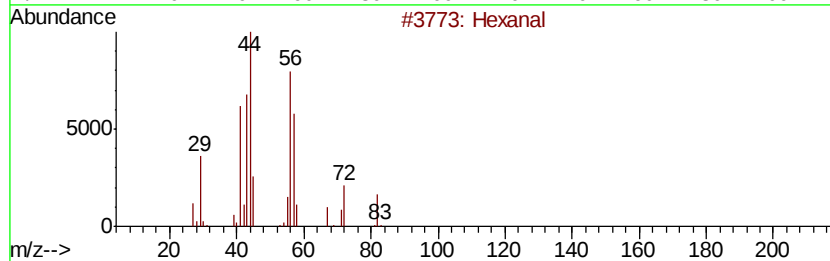
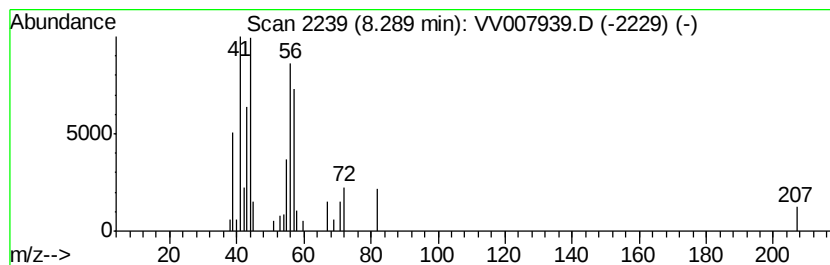
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	0.54 ug/L	26466	Chlorobenzene-d5	8.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	59
2	Hexanal		100	C6H12O	000066-25-1	59
3	Hexanal		100	C6H12O	000066-25-1	59
4	Hexanal		100	C6H12O	000066-25-1	50
5	2H-Azepin-2-one, 3-aminohexahydro-		128	C6H12N2O	000671-42-1	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 52 Sample Multiplier: 1

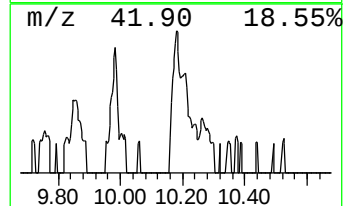
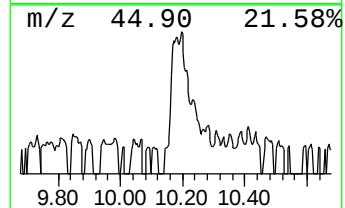
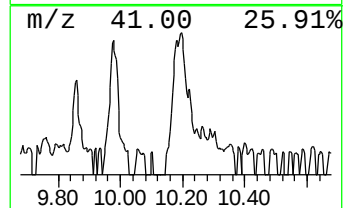
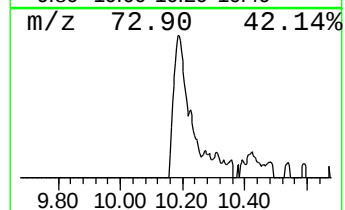
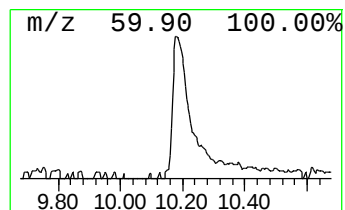
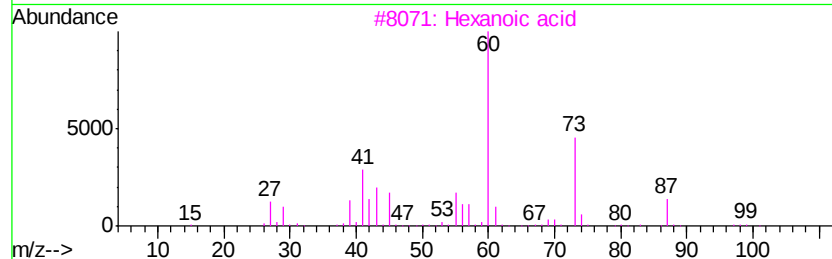
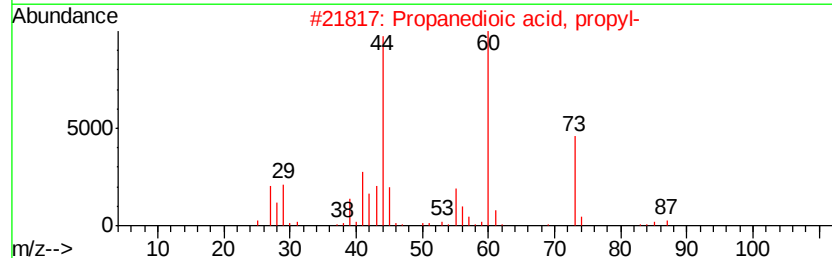
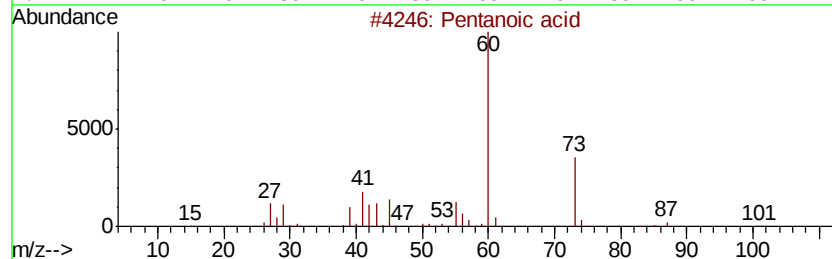
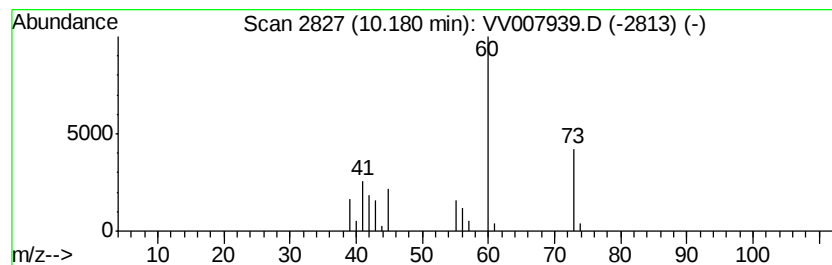
Instrument :
MSVOA_V
ClientSampleId :
GAC09

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	0.51 ug/L	24923	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentanoic acid	102 C5H10O2	000109-52-4 72
2		Propanedioic acid, propyl-	146 C6H10O4	000616-62-6 64
3		Hexanoic acid	116 C6H12O2	000142-62-1 50
4		Pentanoic acid	102 C5H10O2	000109-52-4 50
5		Hexanoic acid	116 C6H12O2	000142-62-1 39



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092718\
Data File : VV007939.D
Acq On : 28 Sep 2018 05:51
Operator : SY/MD
Sample : J5062-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAC09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	1.41	2.6	ug/L	99851	1	5.67	193361	5.0
Ethyl Acetate	4.16	0.7	ug/L	28770	1	5.67	193361	5.0
unknown-01	6.34	0.6	ug/L	23539	1	5.67	193361	5.0
Acetic acid	6.49	1.4	ug/L	54390	1	5.67	193361	5.0
unknown-02	7.03	1.4	ug/L	54994	1	5.67	193361	5.0
Hexanal	8.29	0.5	ug/L	26466	2	8.90	244571	5.0
Pentanoic acid	10.18	0.5	ug/L	24923	3	11.30	242354	5.0