

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053298.D
 Acq On : 7 Jan 2019 12:20
 Operator : MD\SY
 Sample : K1053-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-4-DRUM

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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_N\METHODS\82N010519W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.812	4	12	34	rVB	344391	461017	9.46%	1.213%
2	2.185	113	128	137	rBV2	35397	66971	1.37%	0.176%
3	2.313	155	168	195	rBV	2468668	3952165	81.09%	10.399%
4	3.268	447	465	500	rBV	691736	1661897	34.10%	4.373%
5	3.818	620	636	650	rBV	30176	78287	1.61%	0.206%
6	4.056	694	710	735	rBV	18556	53996	1.11%	0.142%
7	4.326	777	794	815	rVB2	23718	71154	1.46%	0.187%
8	4.555	843	865	887	rBV3	30411	94692	1.94%	0.249%
9	5.953	1276	1300	1320	rBV3	42450	150271	3.08%	0.395%
10	6.545	1460	1484	1507	rBV2	142671	432499	8.87%	1.138%
11	6.834	1553	1574	1597	rBV	195409	561931	11.53%	1.479%
12	7.188	1664	1684	1707	rBV2	90744	252699	5.18%	0.665%
13	7.593	1784	1810	1820	rBV	563298	1413180	28.99%	3.718%
14	7.664	1820	1832	1859	rVB	1137802	2711563	55.63%	7.134%
15	8.027	1921	1945	1966	rBV2	694461	1722905	35.35%	4.533%
16	8.217	1985	2004	2006	rBV	19283	49032	1.01%	0.129%
17	8.587	2103	2119	2138	rVB	1659646	3417513	70.12%	8.992%
18	8.786	2164	2181	2212	rBV	188500	446714	9.17%	1.175%
19	10.091	2571	2587	2599	rBV	2670103	4874004	100.00%	12.824%
20	10.156	2599	2607	2629	rVB	422827	765237	15.70%	2.013%
21	10.818	2800	2813	2816	rBV	33076	63179	1.30%	0.166%
22	10.853	2818	2824	2844	rVB5	58039	137309	2.82%	0.361%
23	11.406	2981	2996	3018	rBV	2428741	4147717	85.10%	10.913%
24	11.509	3018	3028	3036	rBV	54894	103281	2.12%	0.272%
25	11.615	3048	3061	3082	rVB	165882	315713	6.48%	0.831%
26	11.815	3114	3123	3137	rVB2	41050	74468	1.53%	0.196%
27	11.956	3153	3167	3177	rBV4	136435	311471	6.39%	0.820%
28	12.403	3292	3306	3323	rBV	2009987	3378974	69.33%	8.891%
29	12.654	3375	3384	3391	rBV	41986	72538	1.49%	0.191%
30	12.731	3400	3408	3417	rVB	41706	63795	1.31%	0.168%
31	12.818	3427	3435	3451	rBV6	22798	62724	1.29%	0.165%
32	12.914	3451	3465	3480	rVB	221697	360117	7.39%	0.948%
33	13.040	3493	3504	3513	rBV	95969	153041	3.14%	0.403%
34	13.104	3514	3524	3536	rVV3	134997	230480	4.73%	0.606%

LSC Area Percent Report

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ClientSampleId :
COMP-4-DRUM

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SW846 8260

35	13.342	3586	3598	3616	rBV	2320781	3848983	78.97%	10.127%
36	13.451	3616	3632	3645	rVB	201211	341066	7.00%	0.897%
37	13.541	3649	3660	3668	rBV2	31979	51580	1.06%	0.136%
38	13.721	3705	3716	3730	rVB	264731	430964	8.84%	1.134%
39	14.580	3974	3983	3998	rBV4	39212	75187	1.54%	0.198%
40	14.741	4022	4033	4045	rBV3	31036	54983	1.13%	0.145%
41	15.133	4140	4155	4167	rBV	269528	491219	10.08%	1.292%

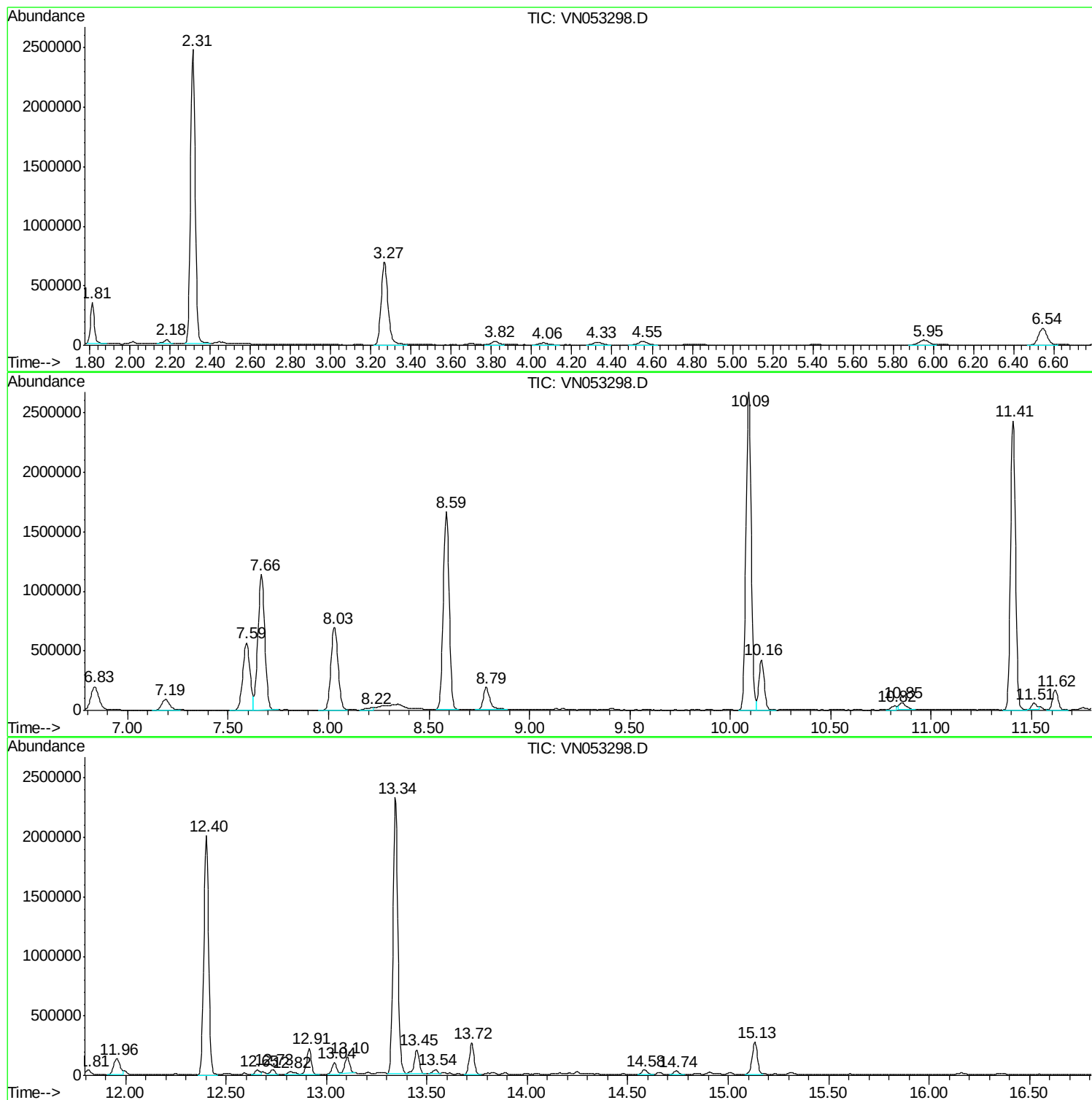
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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



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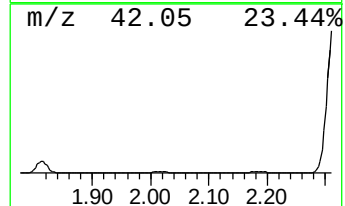
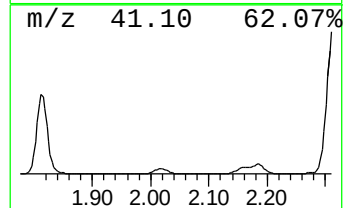
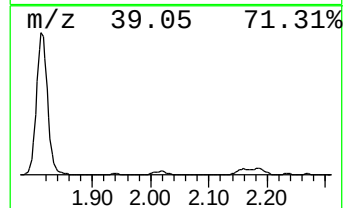
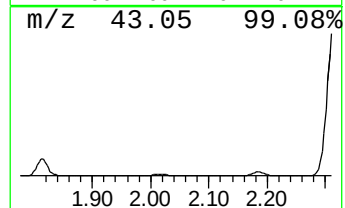
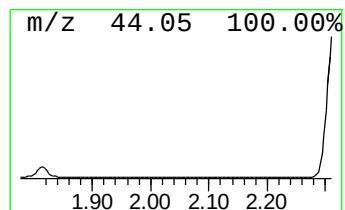
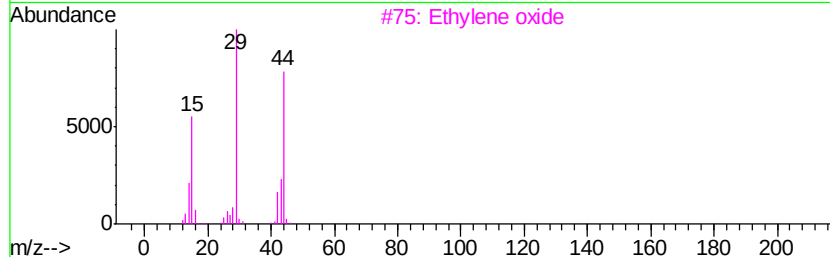
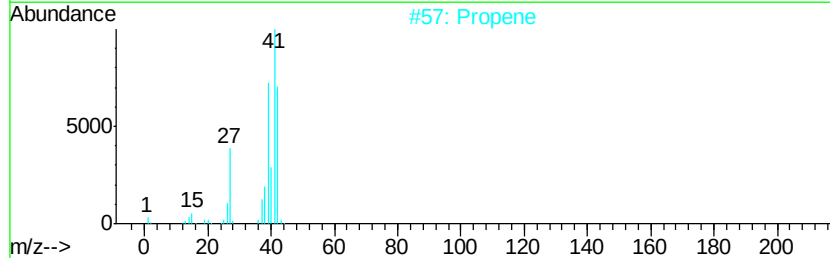
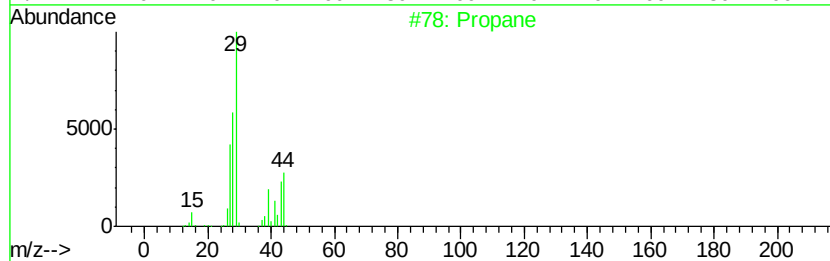
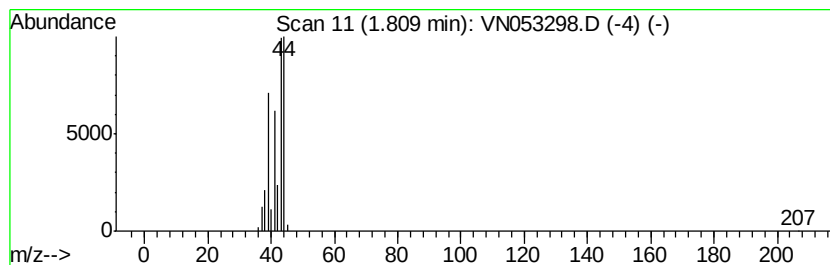
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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

Peak Number 1 Propane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	8.50 ug/l	461017	Pentafluorobenzene	7.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane		44	C3H8	000074-98-6	90
2	Propene		42	C3H6	000115-07-1	9
3	Ethylene oxide		44	C2H4O	000075-21-8	5
4	Acetaldehyde		44	C2H4O	000075-07-0	5
5	Ethyne, fluoro-		44	C2HF	002713-09-9	3



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Instrument :
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ClientSampleId :
COMP-4-DRUM

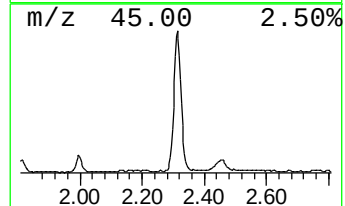
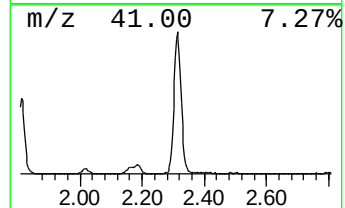
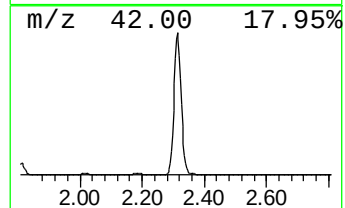
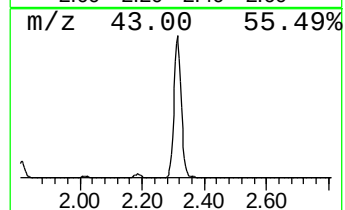
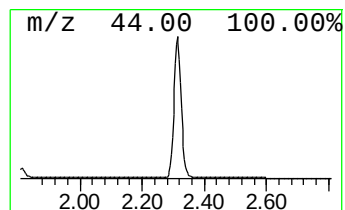
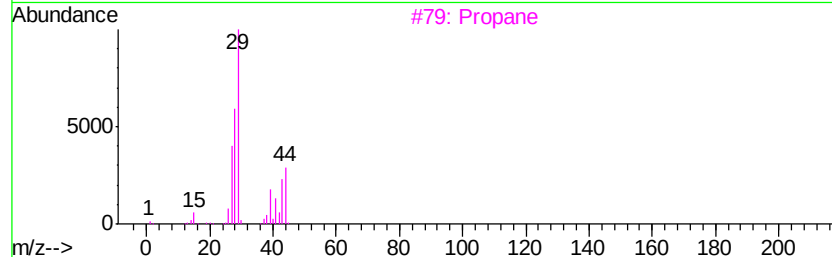
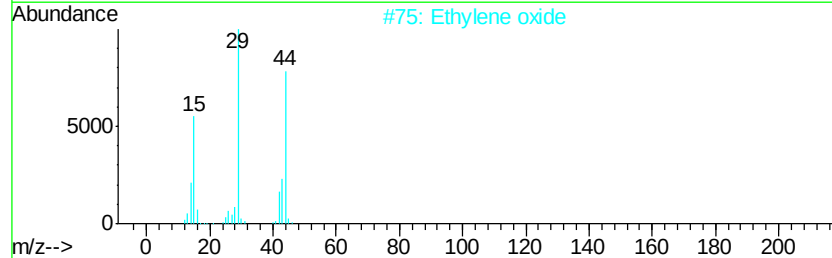
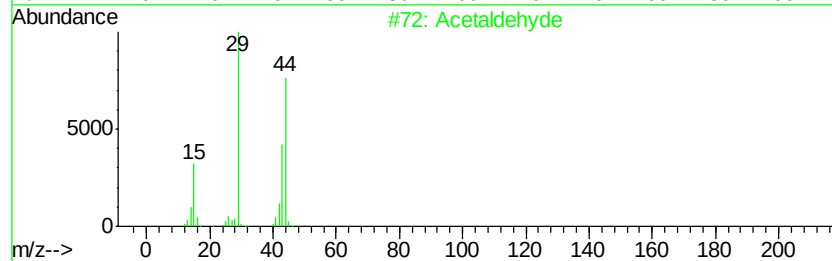
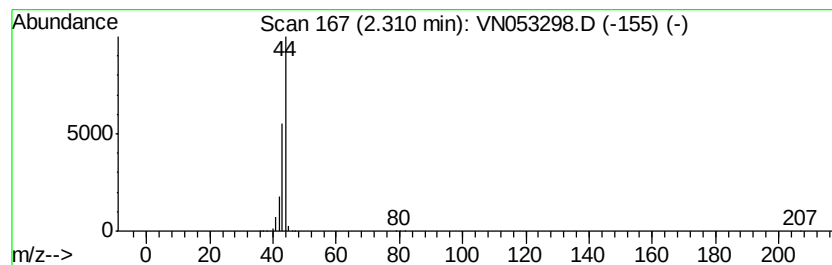
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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

Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	72.88 ug/l	3952170	Pentafluorobenzene	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehyd	44	C2H4O	000075-07-0	64
2		Ethylene oxide	44	C2H4O	000075-21-8	5
3		Propane	44	C3H8	000074-98-6	4
4		Alanine	89	C3H7NO2	000056-41-7	4
5		Ethyne, fluoro-	44	C2HF	002713-09-9	3



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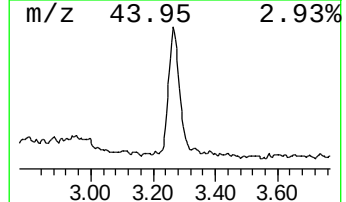
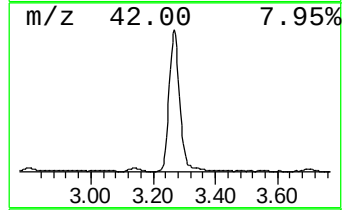
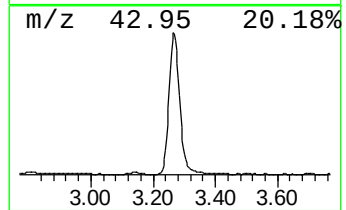
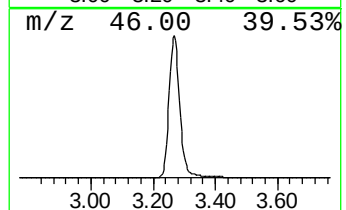
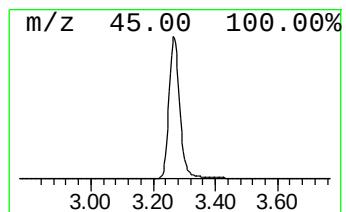
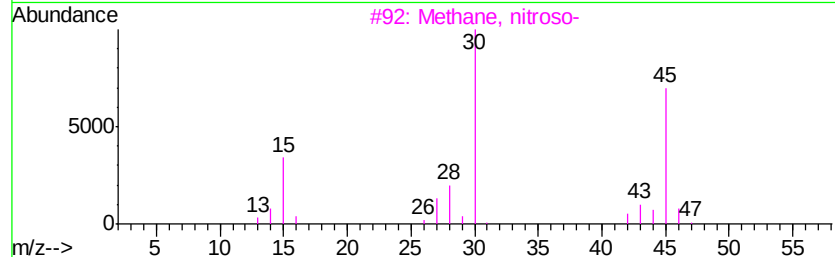
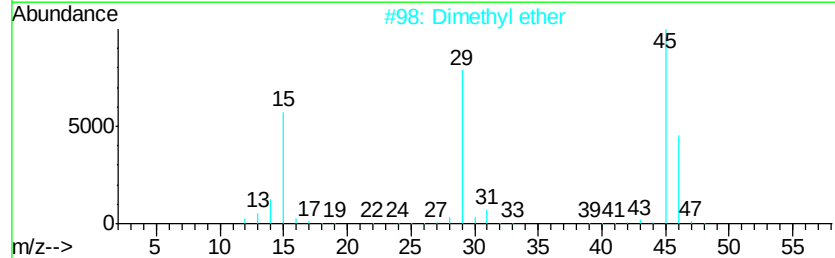
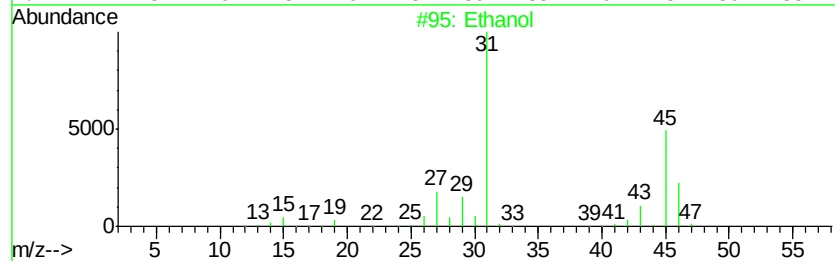
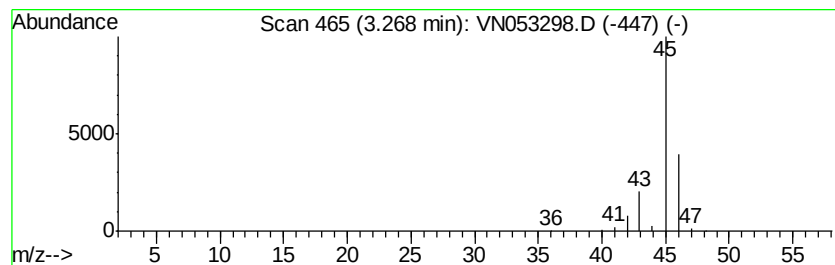
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Quant Title : SW846 8260

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

Peak Number 3 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	30.64 ug/l	1661900	Pentafluorobenzene	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	74
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Methane, nitroso-	45	CH3NO	000865-40-7	4
4		Formic acid	46	CH2O2	000064-18-6	4
5		Oxalic acid	90	C2H2O4	000144-62-7	4



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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 28

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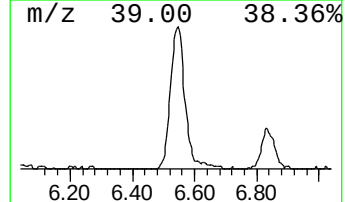
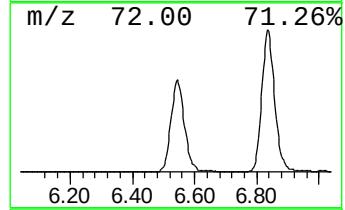
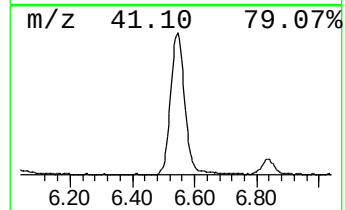
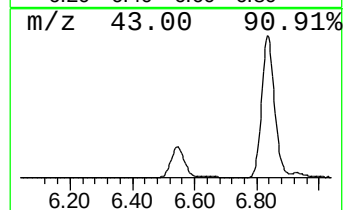
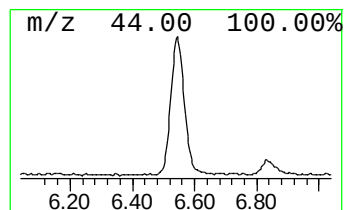
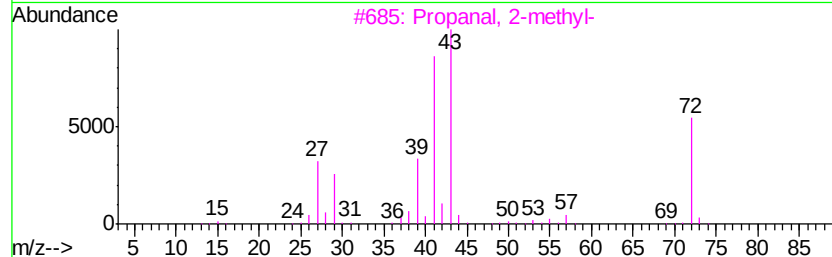
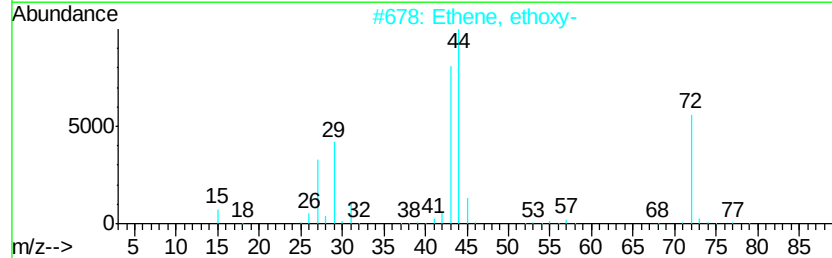
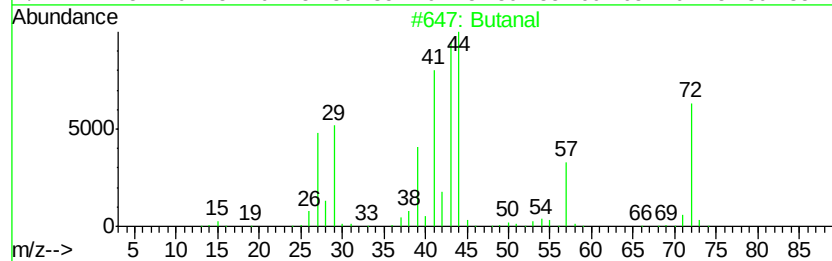
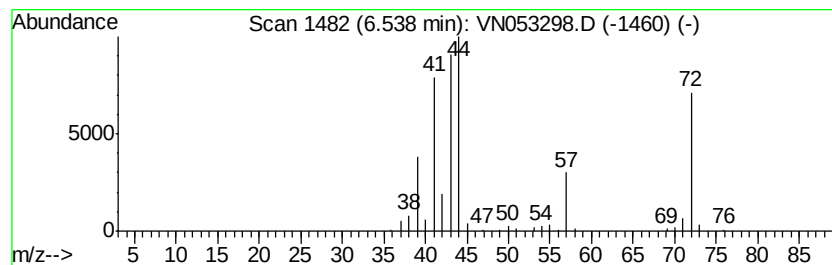
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Quant Title : SW846 8260

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

Peak Number 4 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	7.98 ug/l	432499	Pentafluorobenzene	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanal	72	C4H8O	000123-72-8	94
2		Ethene, ethoxy-	72	C4H8O	000109-92-2	59
3		Propanal, 2-methyl-	72	C4H8O	000078-84-2	46
4		1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	27
5		Isobutylene epoxide	72	C4H8O	000558-30-5	27



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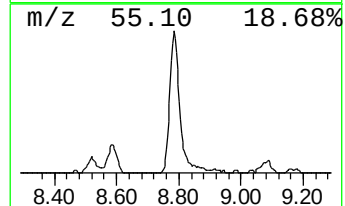
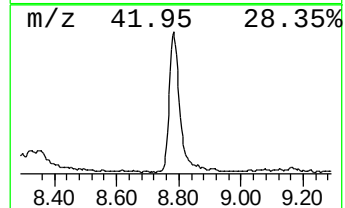
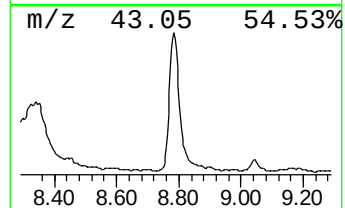
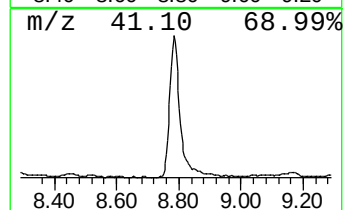
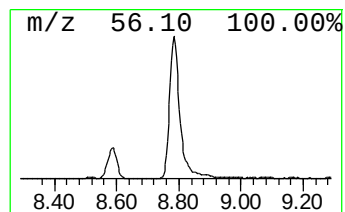
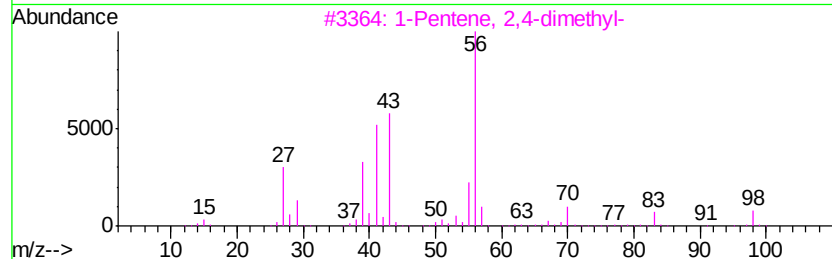
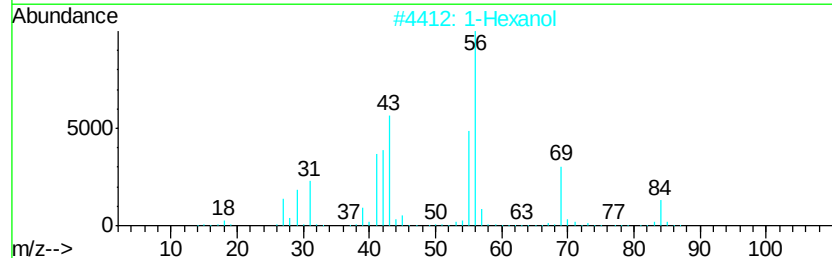
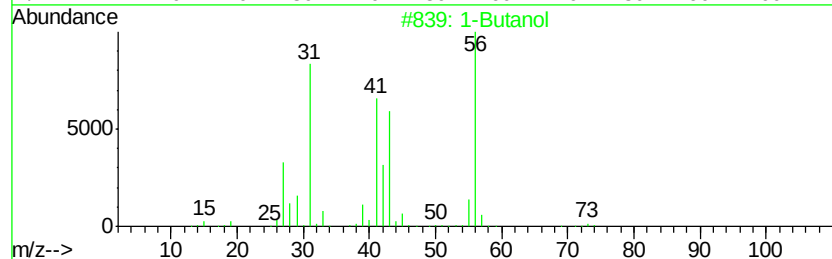
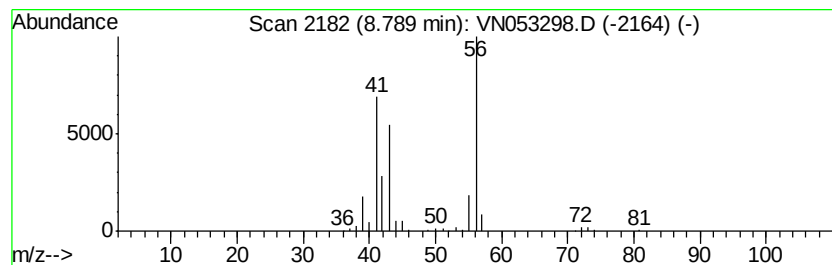
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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

Peak Number 5 1-Butanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	6.54 ug/l	446714	1,4-Difluorobenzene	8.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol	74	C4H10O	000071-36-3	91
2		1-Hexanol	102	C6H14O	000111-27-3	43
3		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
4		Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	9
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010719\
Data File : VN053298.D
Acq On : 7 Jan 2019 12:20
Operator : MD\SY
Sample : K1053-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampled :
COMP-4-DRUM

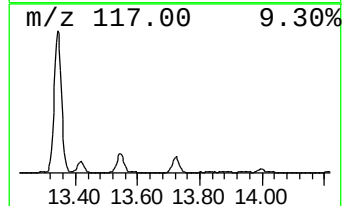
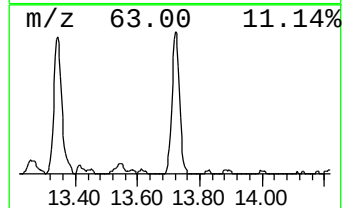
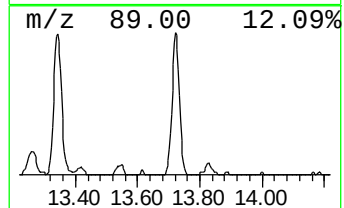
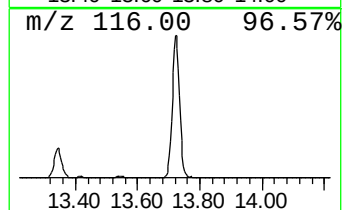
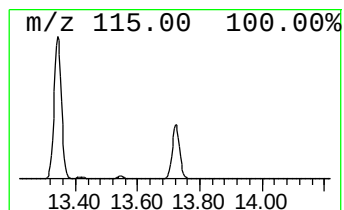
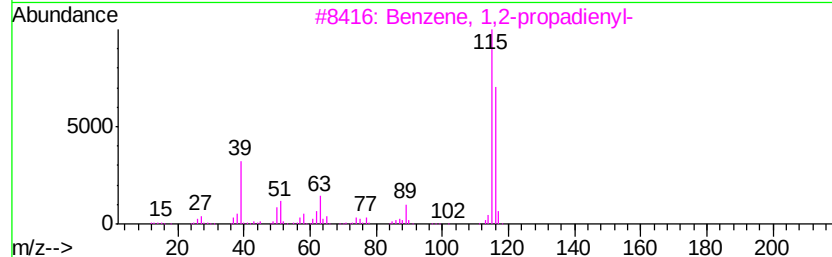
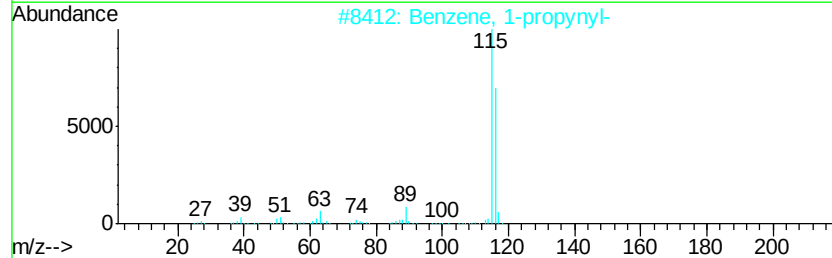
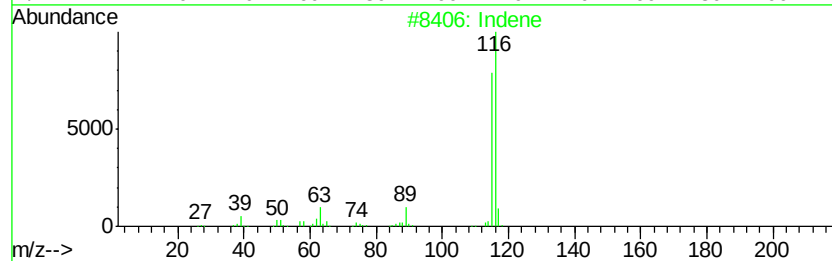
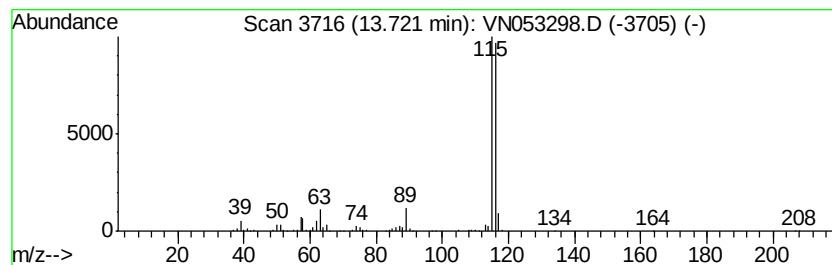
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Quant Title : SW846 8260

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

Peak Number 6 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.60 ug/l	430964	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010719\
Data File : VN053298.D
Acq On : 7 Jan 2019 12:20
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Sample : K1053-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
COMP-4-DRUM

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane	1.81	8.5	ug/l	461017	1	7.67	2711560	50.0
Acetaldehyde	2.31	72.9	ug/l	3952170	1	7.67	2711560	50.0
Ethanol	3.27	30.6	ug/l	1661900	1	7.67	2711560	50.0
Butanal	6.54	8.0	ug/l	432499	1	7.67	2711560	50.0
1-Butanol	8.79	6.5	ug/l	446714	2	8.59	3417510	50.0
Indene	13.72	5.6	ug/l	430964	4	13.34	3848980	50.0