

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050293.D
 Acq On : 3 Aug 2018 4:12
 Operator : MD\SY
 Sample : J4304-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A02

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\82N072418W.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	1.661	3	22	53	rBV	2475753	3858230	100.00%	10.567%
2	7.220	1731	1751	1774	rBV2	179160	505057	13.09%	1.383%
3	7.593	1848	1867	1878	rBV	528415	1331578	34.51%	3.647%
4	7.667	1879	1890	1912	rVB	786332	1870107	48.47%	5.122%
5	8.030	1982	2003	2033	rBV	528218	1255826	32.55%	3.440%
6	8.243	2039	2069	2070	rBV2	161006	544160	14.10%	1.490%
7	8.587	2161	2176	2210	rVB	1135773	2422239	62.78%	6.634%
8	10.095	2629	2645	2679	rBV	2018579	3764949	97.58%	10.312%
9	10.435	2742	2751	2764	rVB4	25236	46689	1.21%	0.128%
10	11.008	2919	2929	2938	rVB2	65802	112508	2.92%	0.308%
11	11.214	2982	2993	3010	rVB6	38961	83247	2.16%	0.228%
12	11.410	3039	3054	3074	rBV	1480330	2626351	68.07%	7.193%
13	11.545	3088	3096	3104	rVB3	27686	43049	1.12%	0.118%
14	11.603	3104	3114	3120	rBV6	25198	49305	1.28%	0.135%
15	11.657	3123	3131	3153	rVB7	49957	155773	4.04%	0.427%
16	11.924	3200	3214	3225	rBV6	94675	242599	6.29%	0.664%
17	12.046	3245	3252	3260	rVB	71795	90677	2.35%	0.248%
18	12.123	3267	3276	3281	rBV4	97368	168739	4.37%	0.462%
19	12.403	3351	3363	3375	rBV	1337935	2248544	58.28%	6.158%
20	12.564	3405	3413	3427	rVB3	210538	408654	10.59%	1.119%
21	12.651	3428	3440	3447	rBV7	74806	173051	4.49%	0.474%
22	12.873	3503	3509	3516	rBV6	60053	87622	2.27%	0.240%
23	12.966	3530	3538	3551	rVB3	346558	570958	14.80%	1.564%
24	13.043	3555	3562	3570	rVB4	131009	201828	5.23%	0.553%
25	13.345	3645	3656	3675	rVB2	1336502	2929656	75.93%	8.024%
26	13.599	3728	3735	3742	rBV6	59147	113986	2.95%	0.312%
27	13.670	3745	3757	3766	rBV4	469377	960733	24.90%	2.631%
28	13.889	3819	3825	3834	rVB	331739	475300	12.32%	1.302%
29	13.937	3835	3840	3848	rVB4	156658	216853	5.62%	0.594%
30	13.995	3849	3858	3867	rBV4	502630	785319	20.35%	2.151%
31	14.130	3890	3900	3907	rBV3	321101	654853	16.97%	1.794%
32	14.249	3933	3937	3945	rVB	288076	371341	9.62%	1.017%
33	14.332	3958	3963	3971	rVB3	233943	303684	7.87%	0.832%
34	14.528	4019	4024	4031	rBV4	156055	194584	5.04%	0.533%

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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	14.590	4033	4043	4053	rVV3	900460	1846596	47.86%	5.058%
36	14.641	4053	4059	4073	rVB2	631017	1084305	28.10%	2.970%
37	14.744	4086	4091	4100	rVB	375181	537279	13.93%	1.472%
38	14.853	4119	4125	4131	rBV5	232569	313442	8.12%	0.858%
39	15.117	4200	4207	4219	rVB	657779	1010334	26.19%	2.767%
40	15.191	4224	4230	4238	rVB	286062	424272	11.00%	1.162%
41	15.914	4446	4455	4466	rBV2	474292	861105	22.32%	2.358%
42	16.036	4485	4493	4503	rVB	349136	566367	14.68%	1.551%

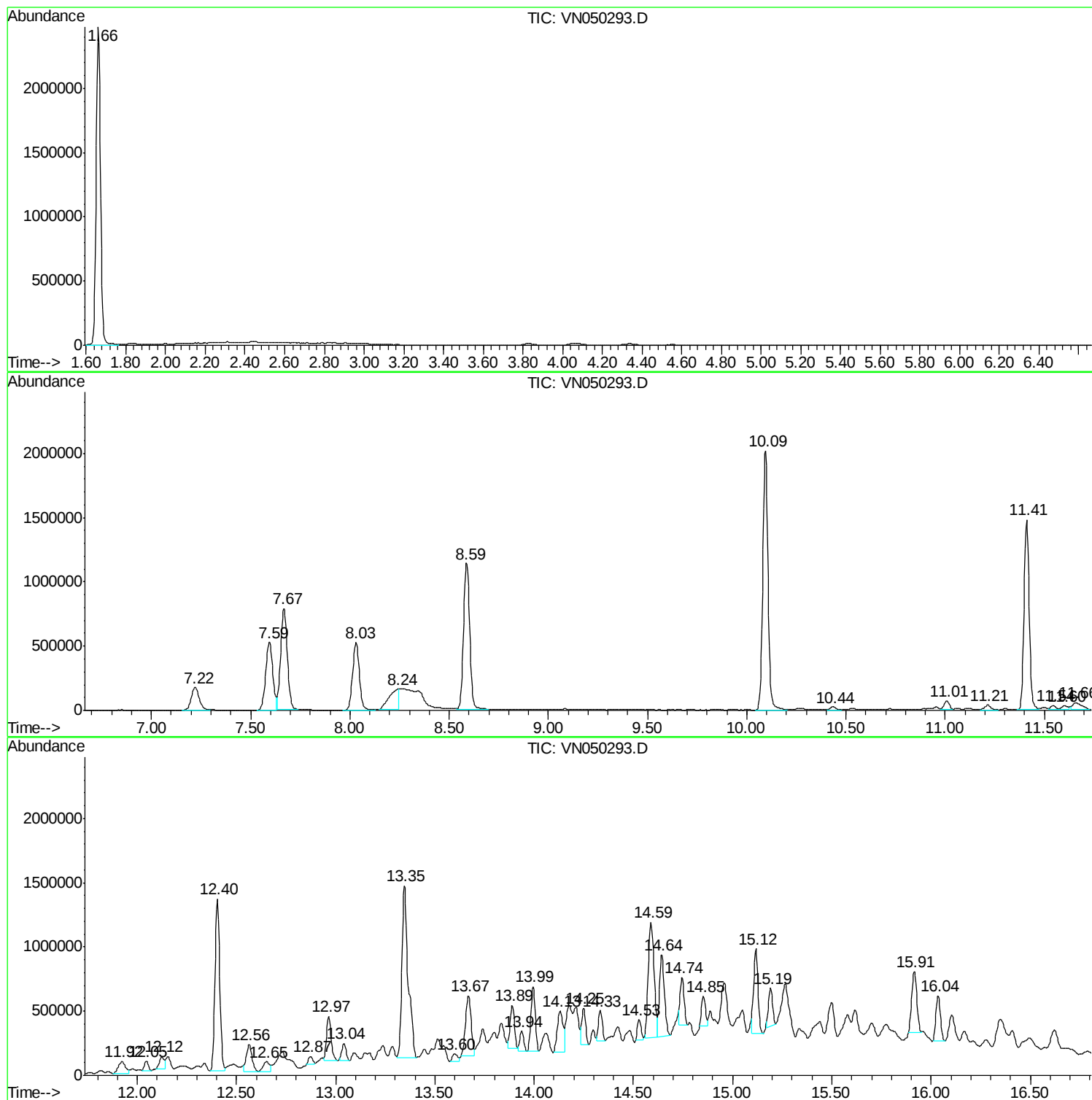
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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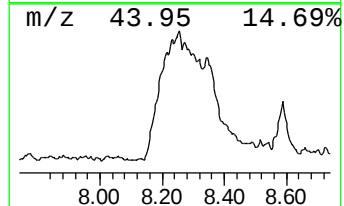
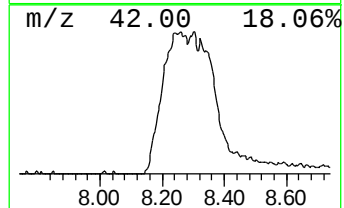
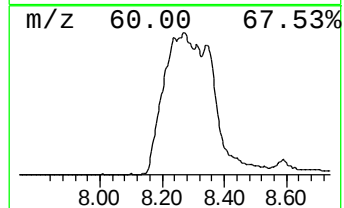
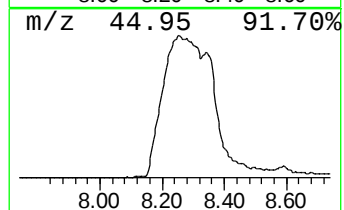
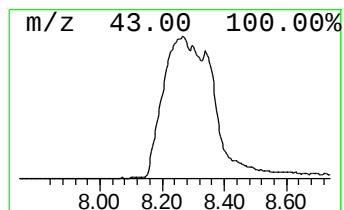
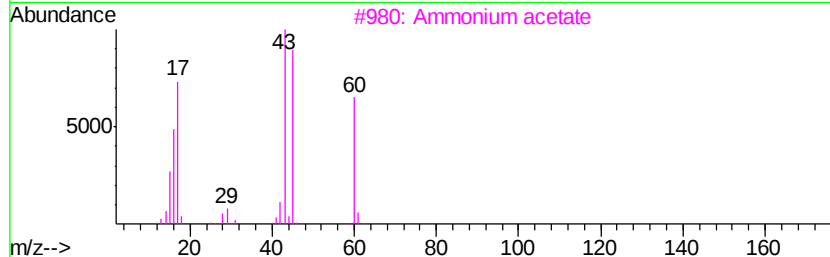
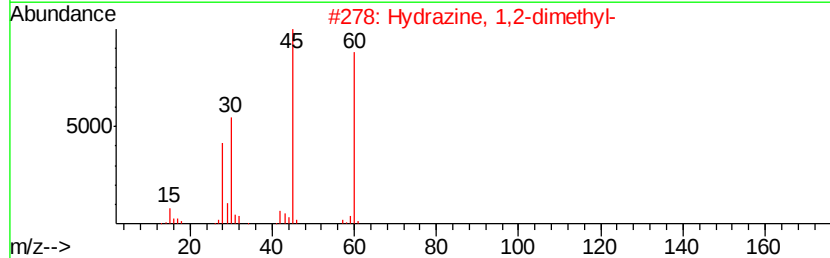
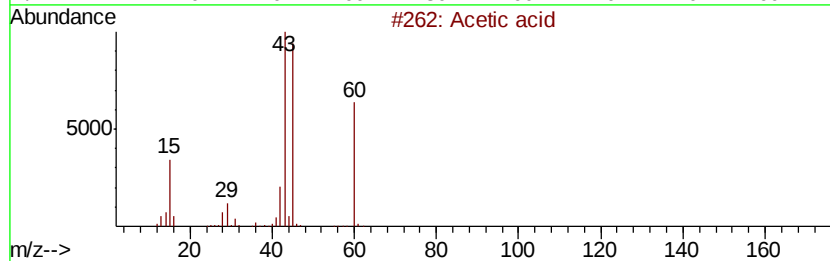
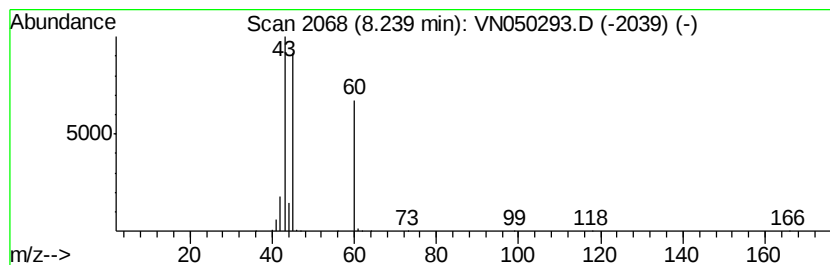
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Quant Title : SW846 8260

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

Peak Number 2 Acetic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	11.23 ug/l	544160	1,4-Difluorobenzene	8.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	90
2		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	64
3		Ammonium acetate	77	C2H7NO2	000631-61-8	43
4		Cyclohexan-1,4,5-triol-3-one-1-c...	190	C7H10O6	1000128-45-5	40
5		Hydroperoxide, 1-methylpentyl	118	C6H14O2	024254-55-5	36



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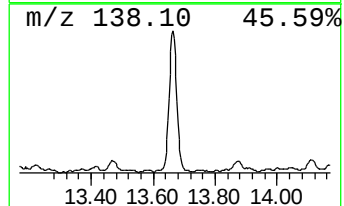
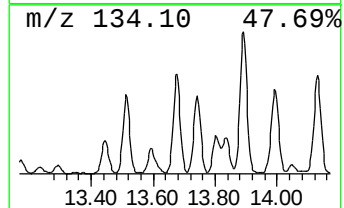
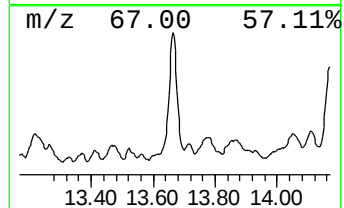
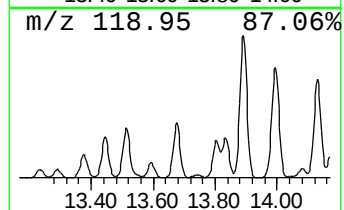
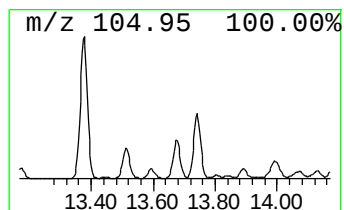
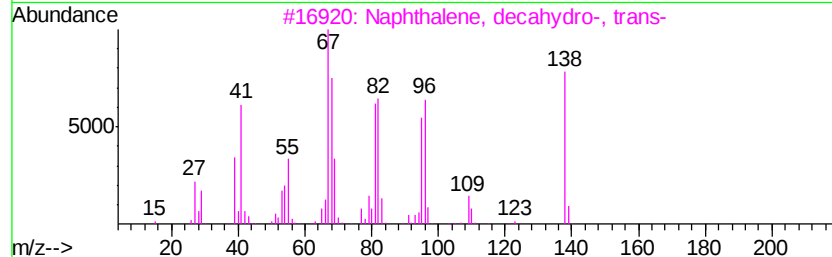
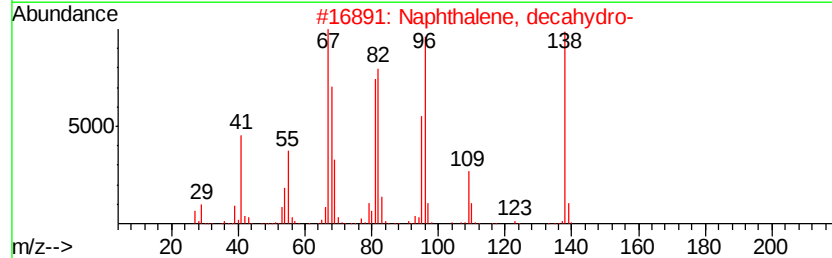
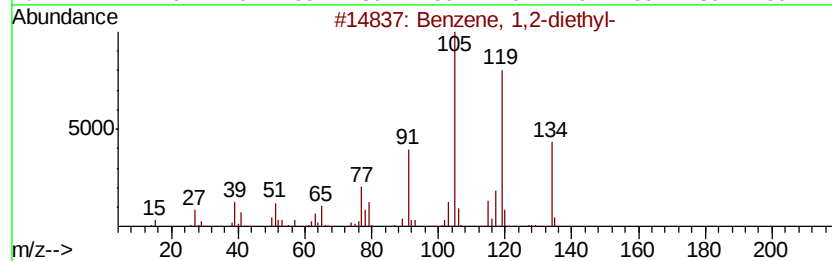
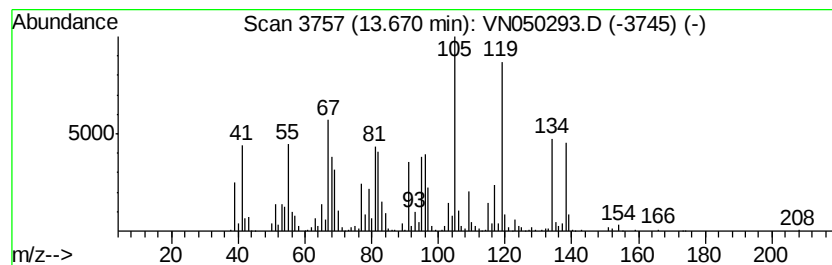
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Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	16.40 ug/l	960733	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 74
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 50
3		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 50
4		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 46
5		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 38



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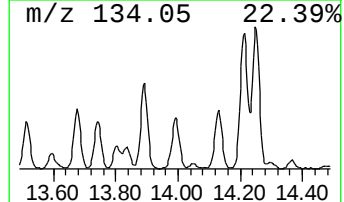
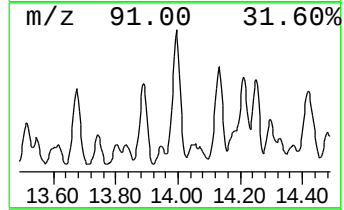
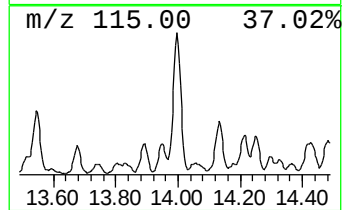
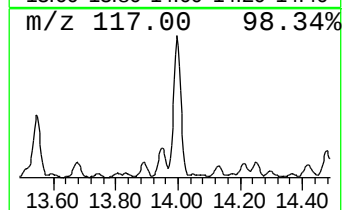
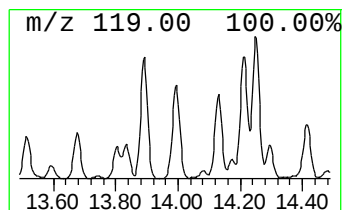
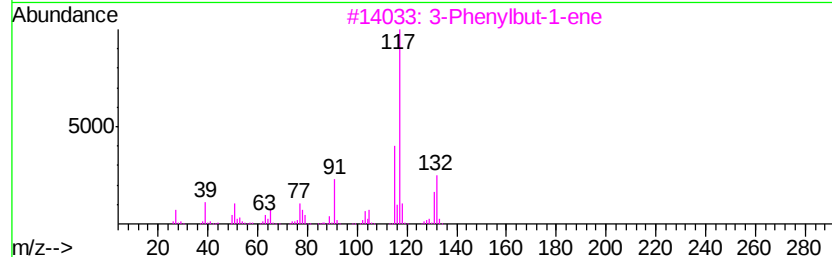
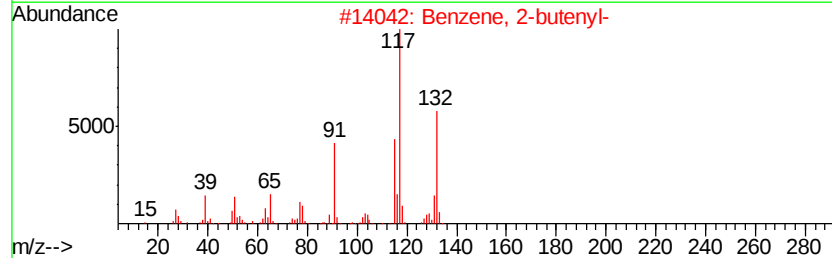
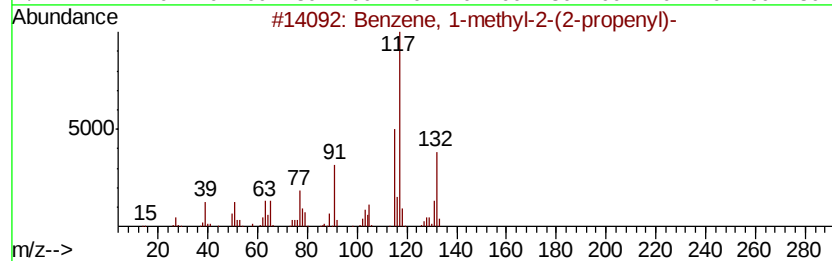
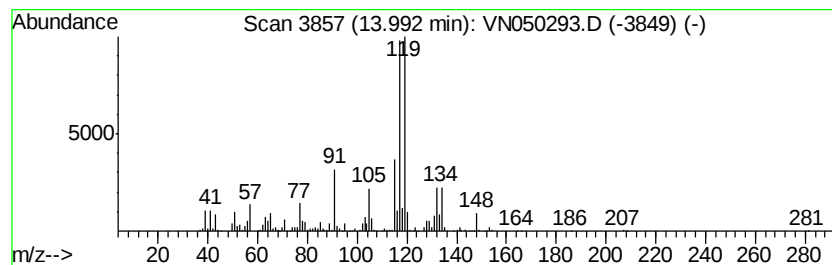
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	13.40 ug/l	785319	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49



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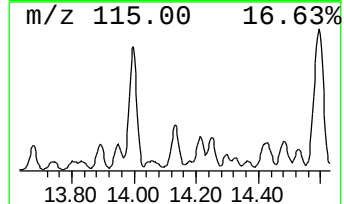
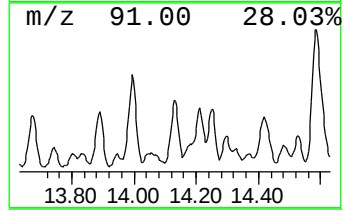
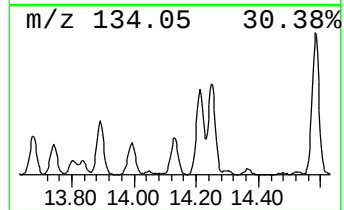
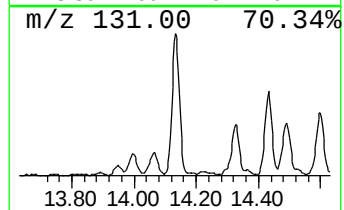
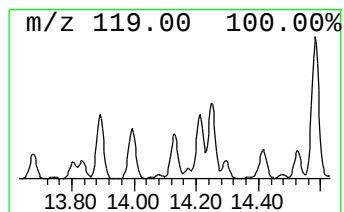
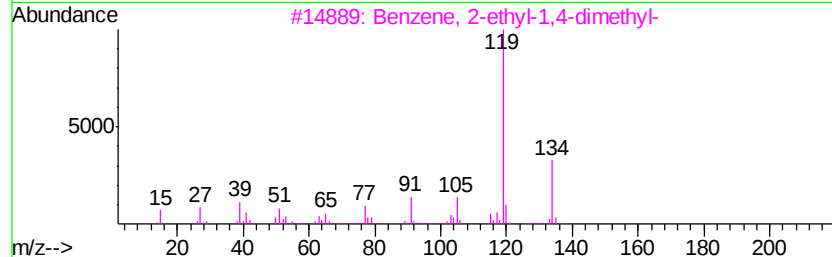
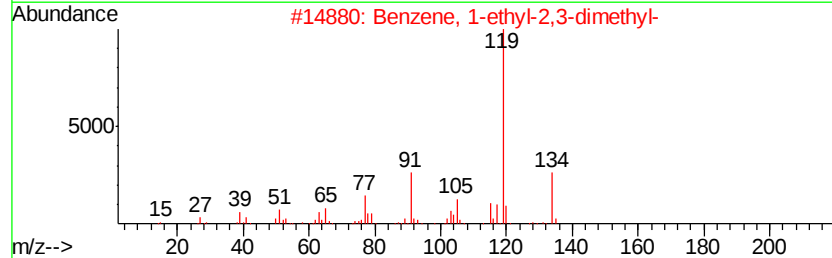
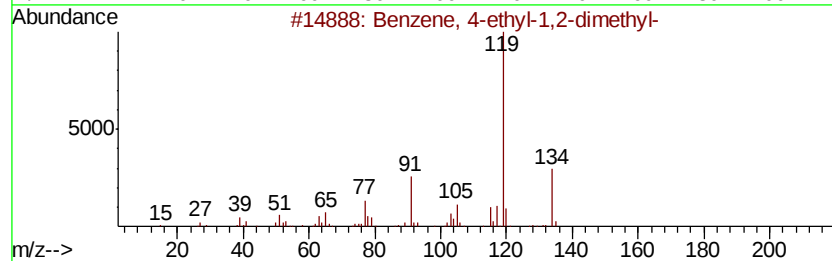
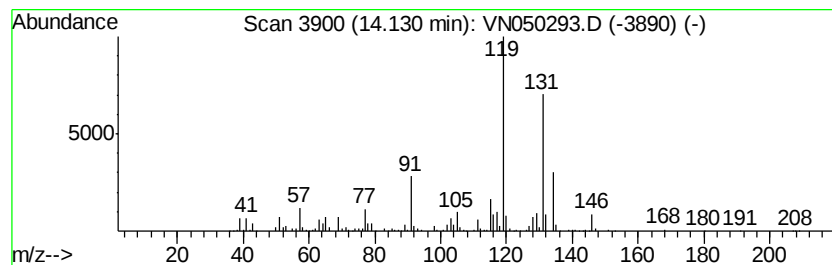
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	11.18 ug/l	654853	1,4-Dichlorobenzene-d4	13.35

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60



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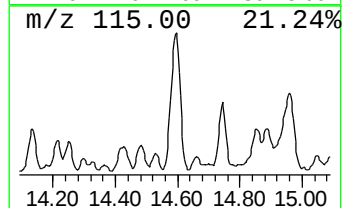
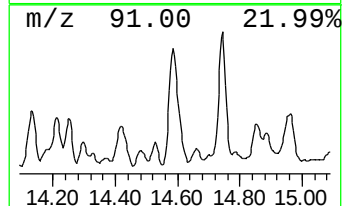
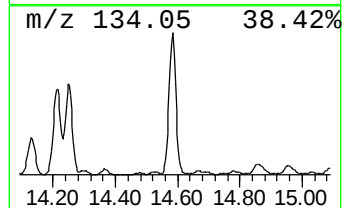
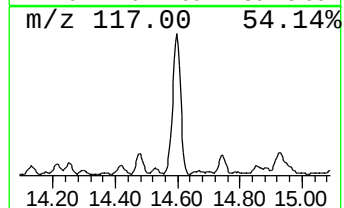
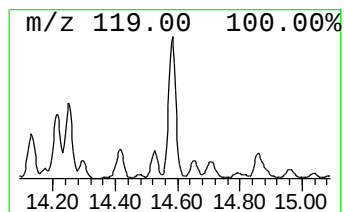
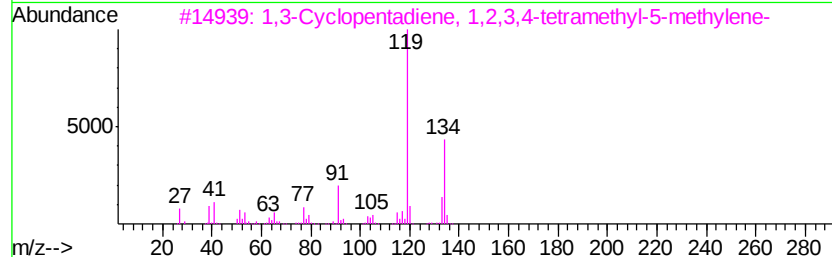
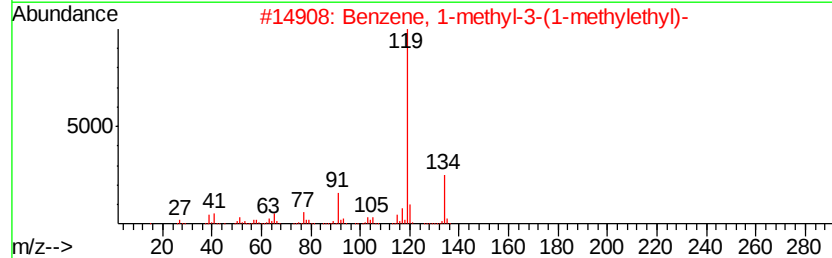
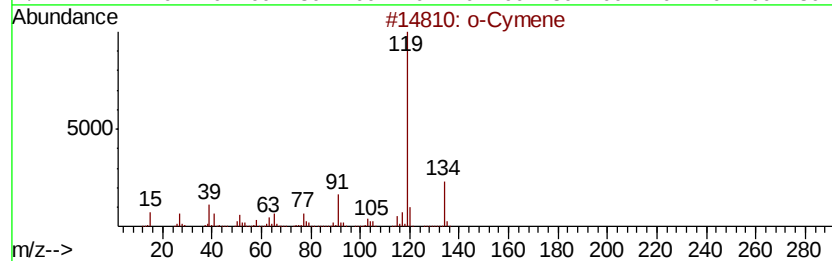
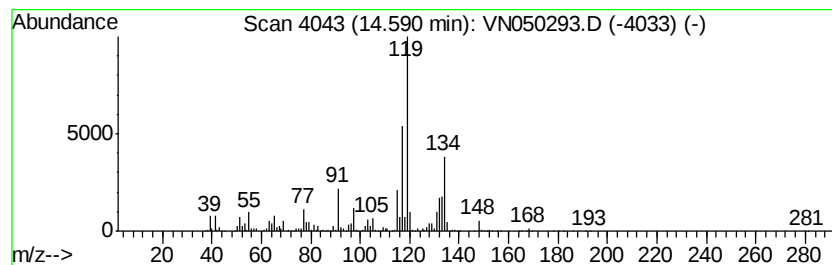
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MW-A02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	31.52 ug/l	1846600	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 60
2		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 60
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 60
4		p-Cymene	134 C10H14	000099-87-6 60
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 60



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050293.D
Acq On : 3 Aug 2018 4:12
Operator : MD\SY
Sample : J4304-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

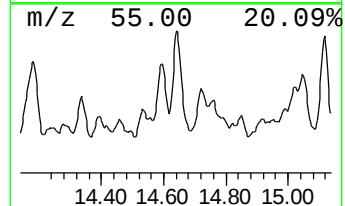
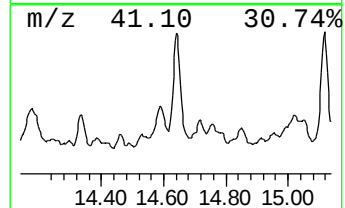
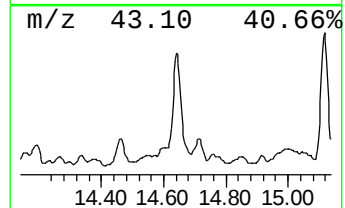
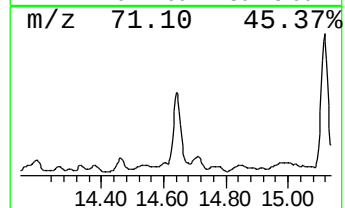
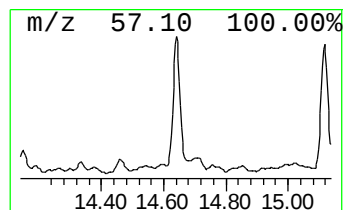
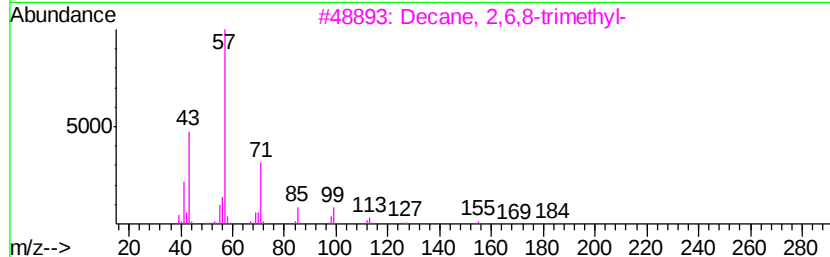
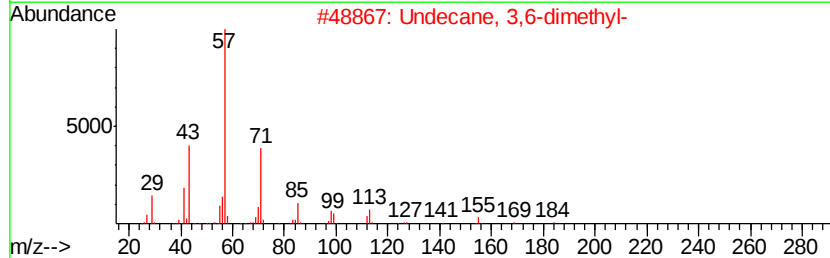
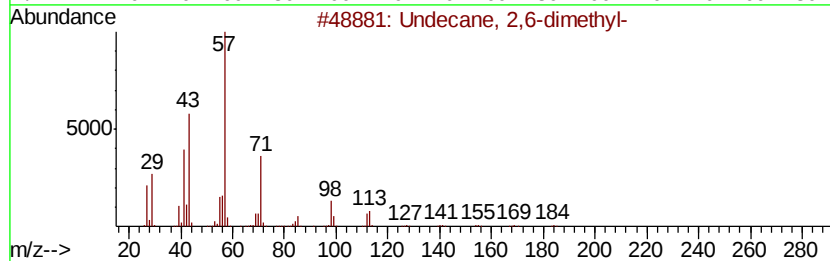
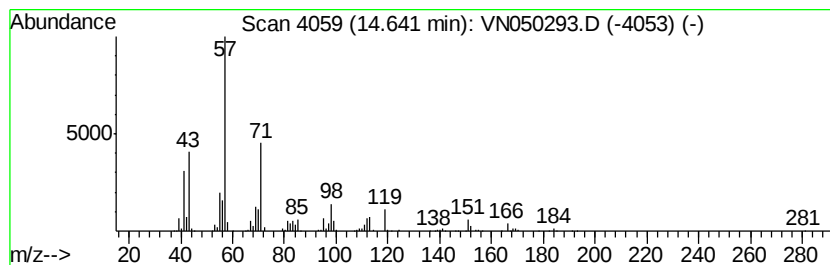
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MSVOA_N
ClientSampleId :
MW-A02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.64	18.51 ug/l	1084310	1,4-Dichlorobenzene-d4	13.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
4	Tridecane	184	C13H28	000629-50-5	53
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050293.D
Acq On : 3 Aug 2018 4:12
Operator : MD\SY
Sample : J4304-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

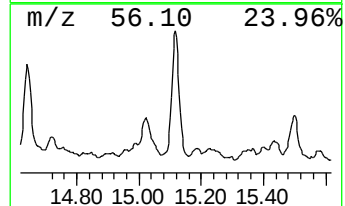
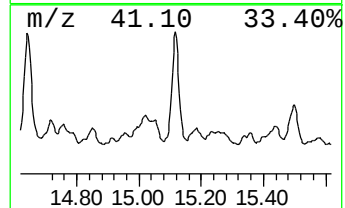
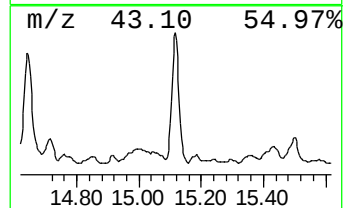
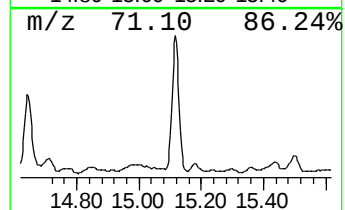
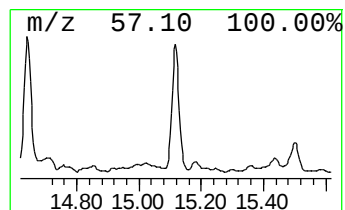
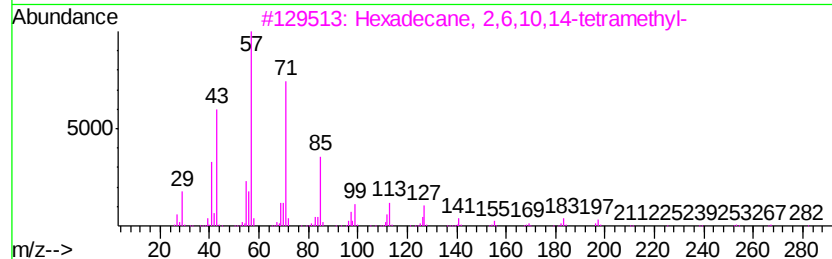
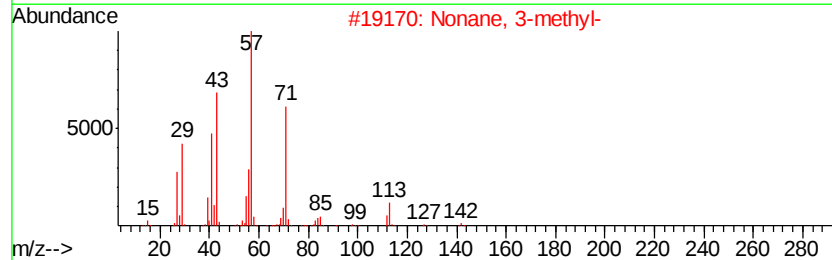
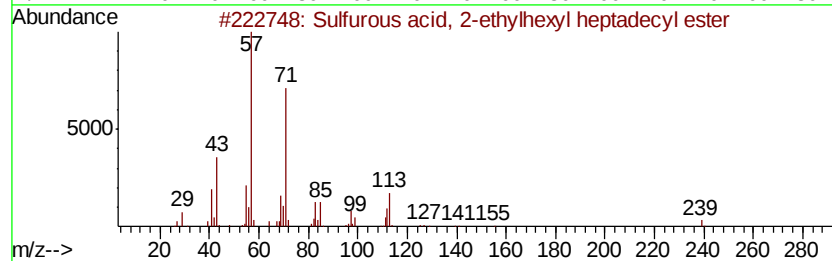
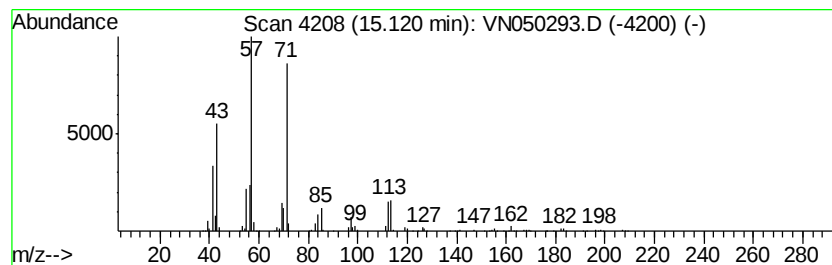
Instrument :
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ClientSampleId :
MW-A02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.12	17.24 ug/l	1010330	1,4-Dichlorobenzene-d4	13.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	86
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
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Acq On : 3 Aug 2018 4:12
Operator : MD\SY
Sample : J4304-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

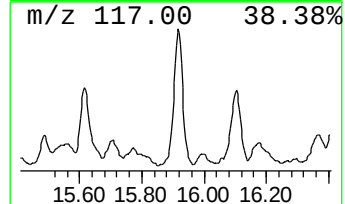
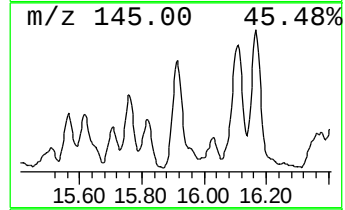
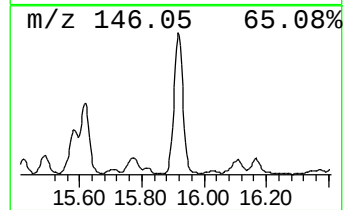
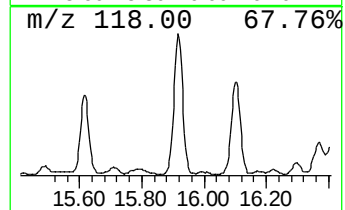
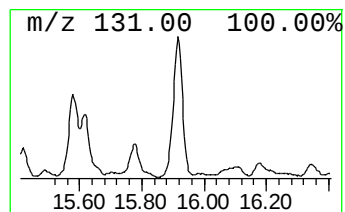
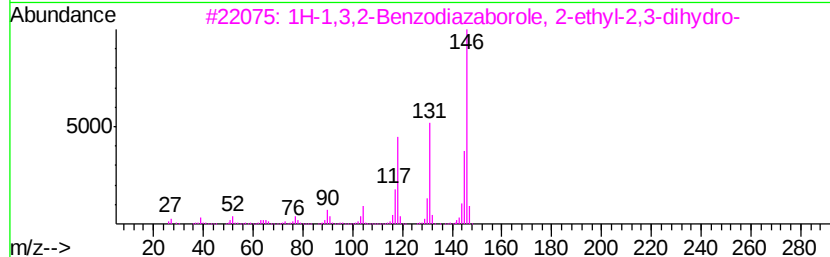
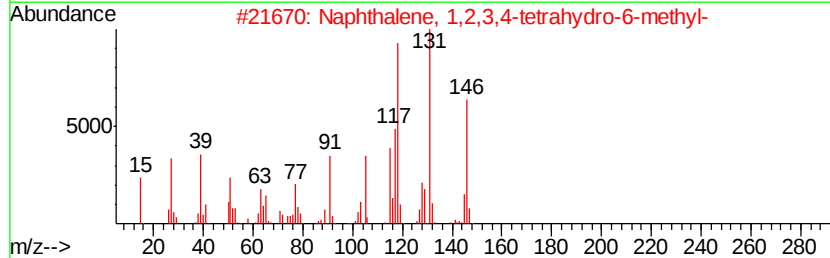
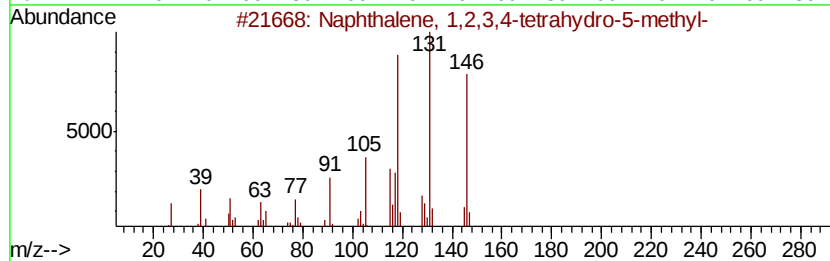
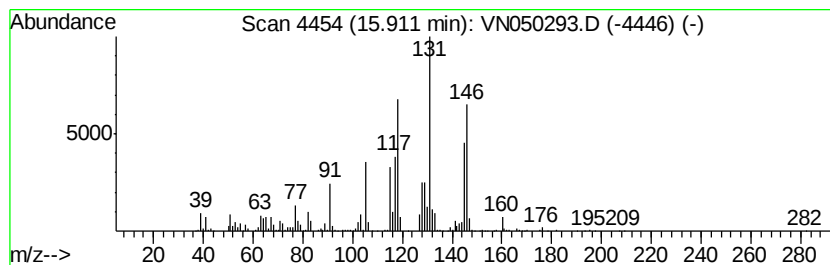
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	14.70 ug/l	861105	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5		2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

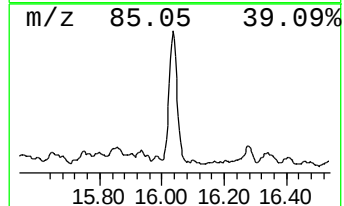
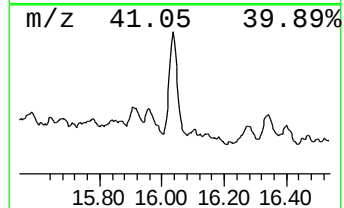
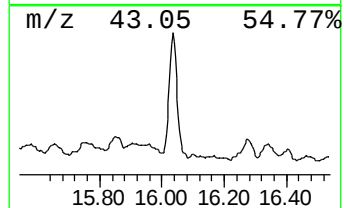
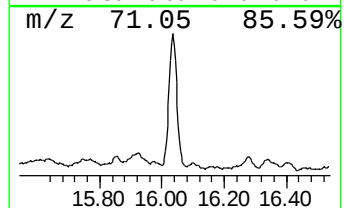
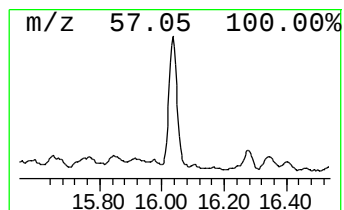
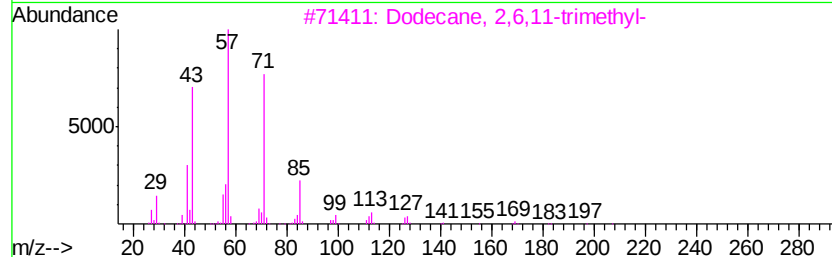
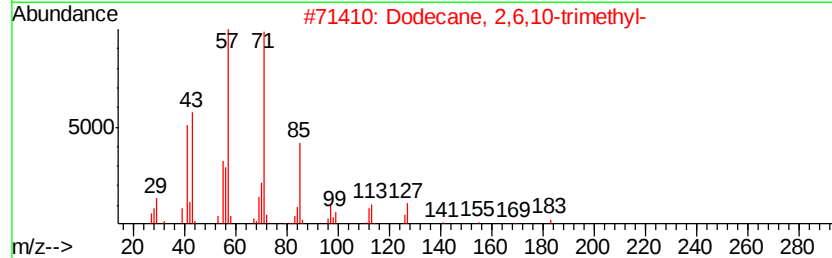
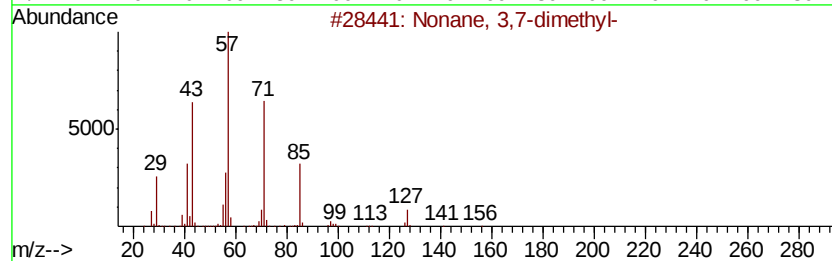
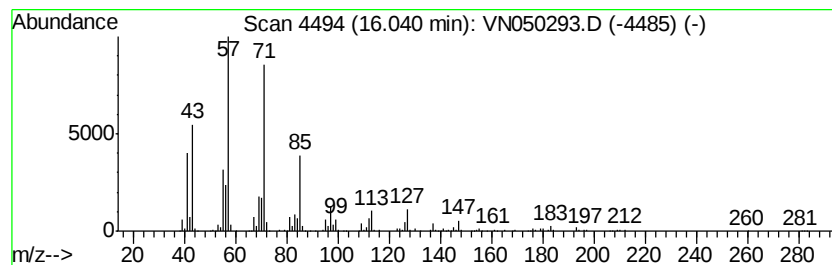
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Quant Title : SW846 8260

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

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	9.67 ug/l	566367	1,4-Dichlorobenzene-d4	13.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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
Acetic acid	8.24	11.2	ug/l	544160	2	8.59	2422240	50.0
Benzene, 1,2-diet...	13.67	16.4	ug/l	960733	4	13.35	2929660	50.0
Benzene, 1-methyl...	13.99	13.4	ug/l	785319	4	13.35	2929660	50.0
Benzene, 4-ethyl-...	14.13	11.2	ug/l	654853	4	13.35	2929660	50.0
o-Cymene	14.59	31.5	ug/l	1846600	4	13.35	2929660	50.0
Undecane, 2,6-dim...	14.64	18.5	ug/l	1084310	4	13.35	2929660	50.0
Sulfurous acid, 2...	15.12	17.2	ug/l	1010330	4	13.35	2929660	50.0
Naphthalene, 1,2,...	15.91	14.7	ug/l	861105	4	13.35	2929660	50.0
Nonane, 3,7-dimet...	16.04	9.7	ug/l	566367	4	13.35	2929660	50.0