

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050169.D
 Acq On : 28 Jul 2018 8:21
 Operator : MD\SY
 Sample : J4199-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

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	1.664	3	23	50	rBV	3145166	5021290	100.00%	14.067%
2	2.140	138	171	172	rBV2	38398	146584	2.92%	0.411%
3	4.075	754	773	792	rBV4	16809	52593	1.05%	0.147%
4	5.053	1048	1077	1108	rBV2	268397	994335	19.80%	2.786%
5	7.593	1847	1867	1879	rBV	537546	1350297	26.89%	3.783%
6	7.670	1879	1891	1913	rVB	781131	1846429	36.77%	5.173%
7	8.033	1984	2004	2029	rBV2	589625	1447930	28.84%	4.056%
8	8.246	2032	2070	2076	rBV4	151965	710614	14.15%	1.991%
9	8.586	2161	2176	2211	rVB	1164176	2444529	48.68%	6.848%
10	9.082	2310	2330	2344	rBV3	43502	102836	2.05%	0.288%
11	9.432	2426	2439	2452	rVB2	36481	74019	1.47%	0.207%
12	10.094	2629	2645	2670	rBV	2079099	3983186	79.33%	11.159%
13	10.197	2670	2677	2688	rVV	48067	99371	1.98%	0.278%
14	10.265	2689	2698	2723	rVB8	20458	64726	1.29%	0.181%
15	10.432	2737	2750	2763	rVB5	38040	73002	1.45%	0.205%
16	10.609	2794	2805	2820	rVB2	36273	66123	1.32%	0.185%
17	10.721	2829	2840	2851	rBV	47713	91140	1.82%	0.255%
18	10.953	2905	2912	2920	rVB2	33294	53153	1.06%	0.149%
19	11.008	2920	2929	2939	rVB3	34348	58496	1.16%	0.164%
20	11.258	2999	3007	3015	rVB2	38642	60398	1.20%	0.169%
21	11.410	3039	3054	3072	rBV	1482938	2675204	53.28%	7.495%
22	11.512	3072	3086	3104	rVB	671813	1176631	23.43%	3.296%
23	11.625	3104	3121	3143	rBV2	199077	487382	9.71%	1.365%
24	11.950	3201	3222	3238	rBV4	78200	229966	4.58%	0.644%
25	12.120	3259	3275	3282	rBV8	40772	87157	1.74%	0.244%
26	12.252	3306	3316	3327	rVB	194028	320411	6.38%	0.898%
27	12.403	3351	3363	3377	rBV	1290228	2171640	43.25%	6.084%
28	12.593	3406	3422	3432	rVV	161474	301621	6.01%	0.845%
29	12.657	3434	3442	3446	rVV	74798	109834	2.19%	0.308%
30	12.689	3446	3452	3458	rVV	119212	192110	3.83%	0.538%
31	12.734	3458	3466	3479	rVB	381920	607056	12.09%	1.701%
32	12.892	3502	3515	3528	rBV	152601	274559	5.47%	0.769%
33	13.040	3551	3561	3581	rVB	1278197	2013256	40.09%	5.640%
34	13.172	3591	3602	3611	rBV3	68589	129102	2.57%	0.362%

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35	13.233	3615	3621	3630	rVB	58789	95281	1.90%	0.267%
36	13.345	3644	3656	3662	rBV	1299605	2258572	44.98%	6.328%
37	13.445	3680	3687	3698	rVB2	56083	89723	1.79%	0.251%
38	13.516	3701	3709	3710	rBV3	74365	80909	1.61%	0.227%
39	13.544	3711	3718	3726	rVB	224919	325608	6.48%	0.912%
40	13.670	3745	3757	3769	rBV5	155737	286964	5.71%	0.804%
41	13.741	3769	3779	3789	rBV	103264	170671	3.40%	0.478%
42	13.805	3790	3799	3803	rBV	82690	128625	2.56%	0.360%
43	13.892	3817	3826	3835	rVB	169448	269519	5.37%	0.755%
44	13.950	3835	3844	3848	rBV	51389	80315	1.60%	0.225%
45	13.995	3849	3858	3868	rVB3	280918	464863	9.26%	1.302%
46	14.130	3891	3900	3908	rBV2	96241	161103	3.21%	0.451%
47	14.213	3919	3926	3932	rBV	72934	99412	1.98%	0.279%
48	14.249	3933	3937	3945	rVB	90695	119559	2.38%	0.335%
49	14.422	3984	3991	4001	rVB4	52769	101111	2.01%	0.283%
50	14.483	4002	4010	4017	rBV6	39408	73383	1.46%	0.206%
51	14.528	4019	4024	4032	rVB6	53803	71797	1.43%	0.201%
52	14.586	4032	4042	4055	rBV4	172382	334362	6.66%	0.937%
53	14.744	4083	4091	4100	rVB	197376	290071	5.78%	0.813%
54	14.853	4117	4125	4132	rBV4	68441	117522	2.34%	0.329%
55	14.956	4152	4157	4175	rVB5	87167	168534	3.36%	0.472%
56	15.194	4224	4231	4238	rVB2	47278	62412	1.24%	0.175%
57	15.615	4357	4362	4379	rVB6	68694	131941	2.63%	0.370%
58	15.911	4448	4454	4464	rVB5	37266	62809	1.25%	0.176%
59	16.107	4509	4515	4525	rVB6	31378	55076	1.10%	0.154%
60	16.355	4582	4592	4604	rVB7	35133	77262	1.54%	0.216%

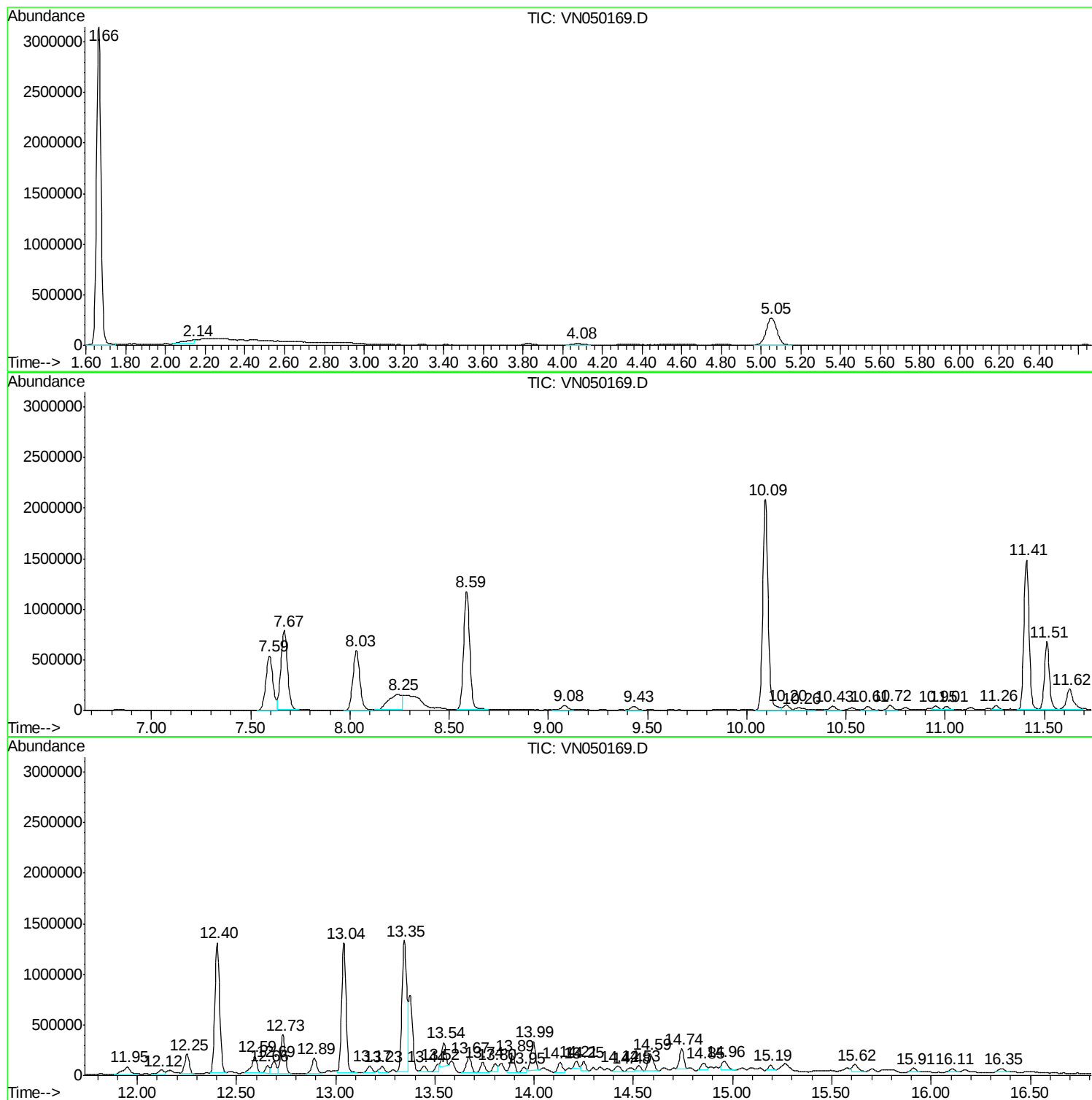
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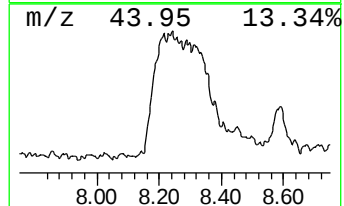
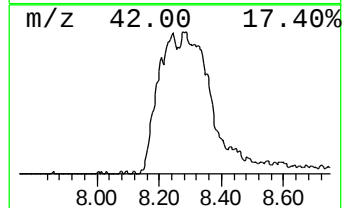
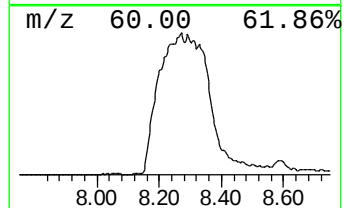
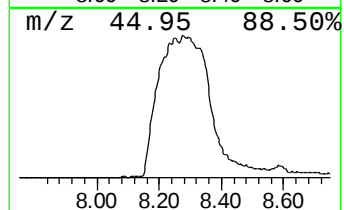
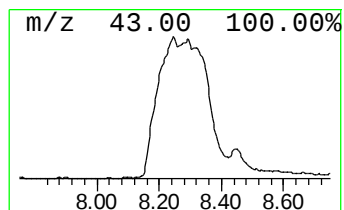
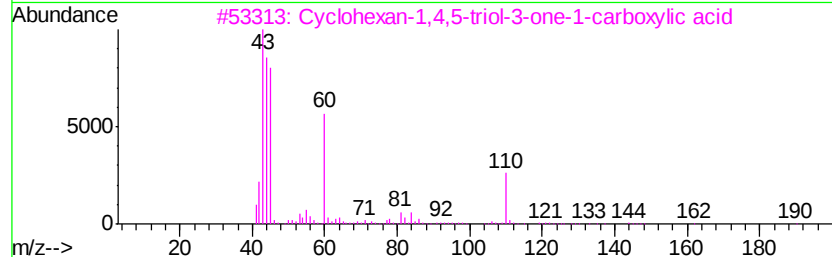
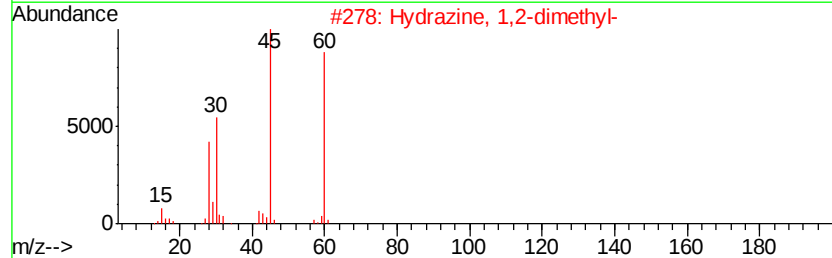
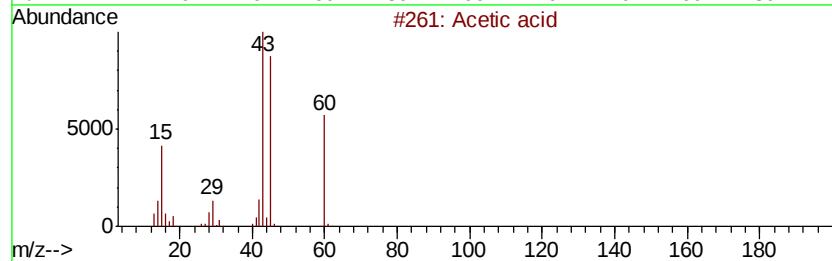
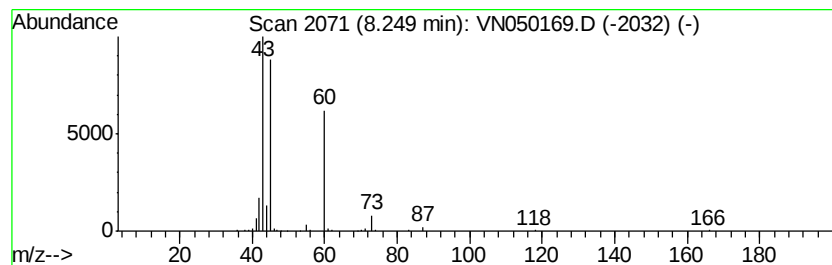
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Quant Title : SW846 8260

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

Peak Number 2 Acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	14.53 ug/l	710614	1,4-Difluorobenzene	8.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	80
2		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	59
3		Cyclohexan-1,4,5-triol-3-one-1-c...	190	C7H10O6	1000128-45-5	40
4		Ammonium acetate	77	C2H7NO2	000631-61-8	40
5		Propanal, 3-methoxy-	88	C4H8O2	002806-84-0	36



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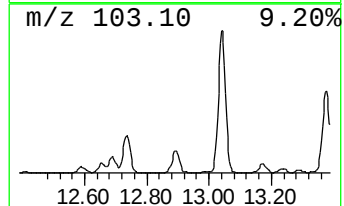
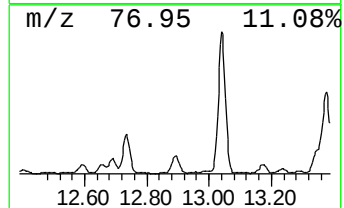
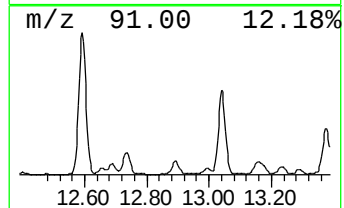
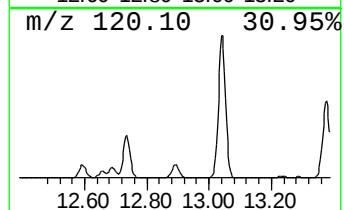
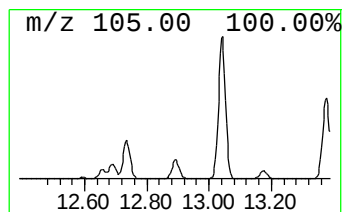
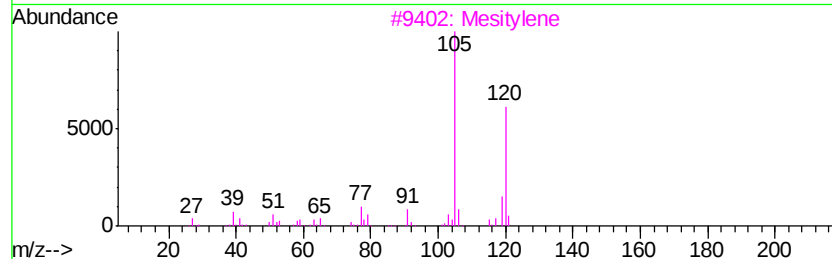
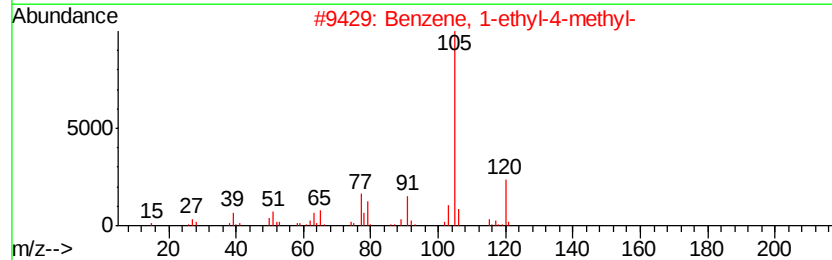
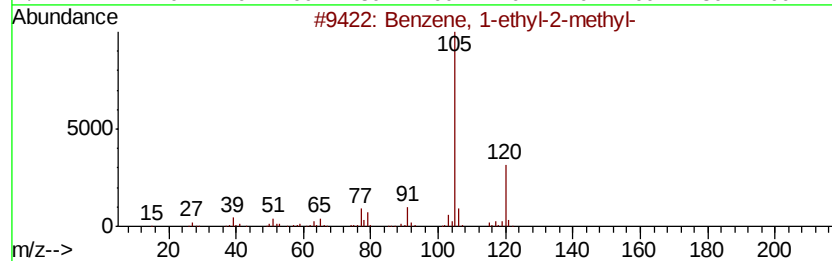
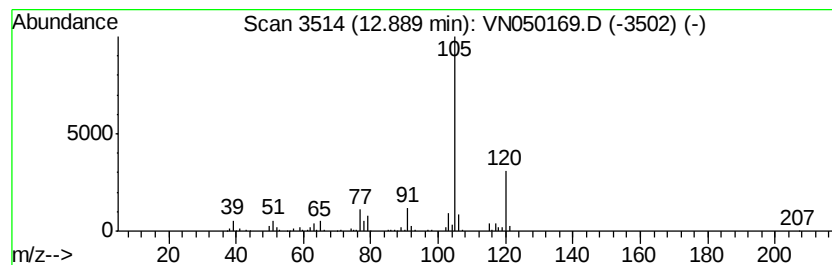
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	6.08 ug/l	274559	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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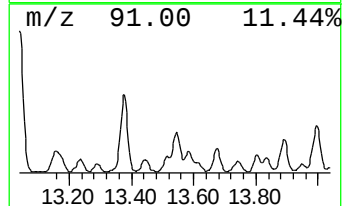
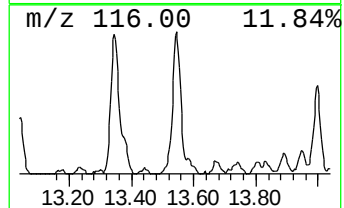
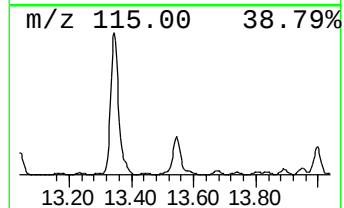
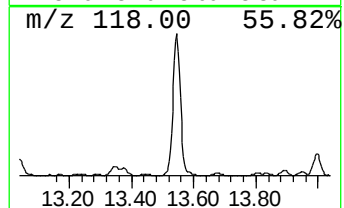
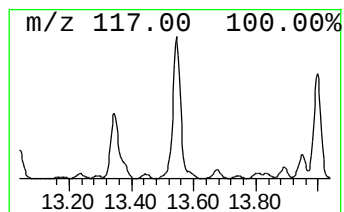
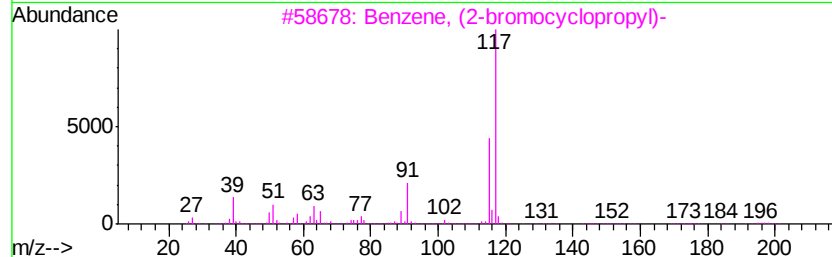
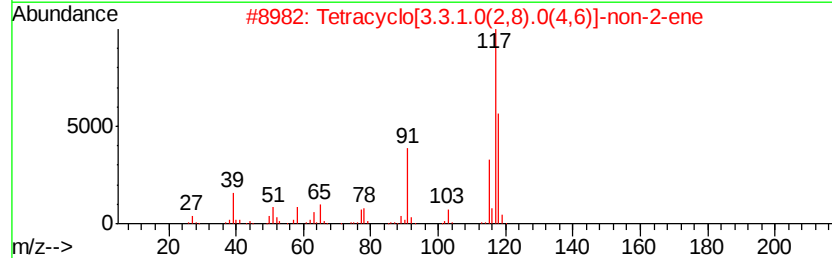
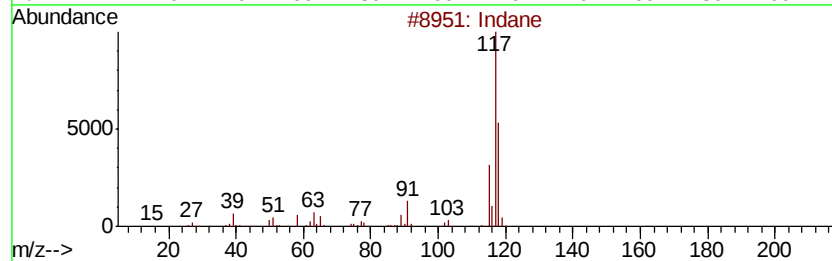
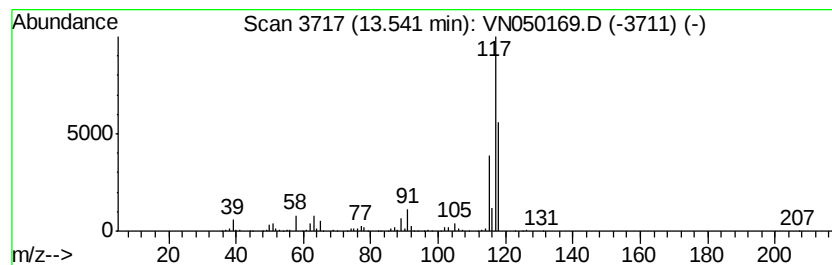
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Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	7.21 ug/l	325608	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	53
3	Benzene, (2-bromocyclopropyl)-		196	C9H9Br	036617-02-4	53
4	Benzaldehyde, 4-(1-phenyl-2-prop...		238	C16H14O2	1000277-56-1	53
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	53



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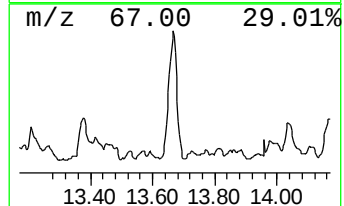
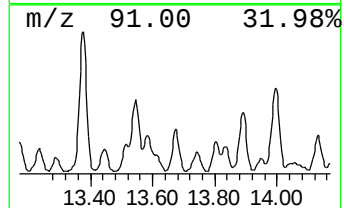
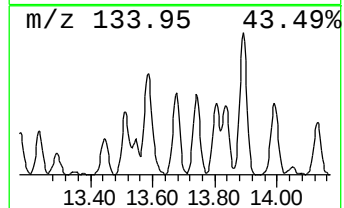
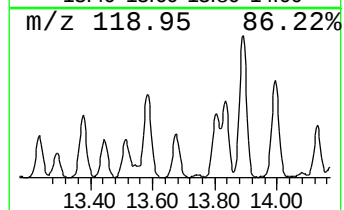
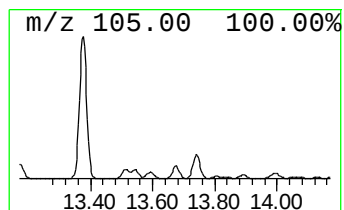
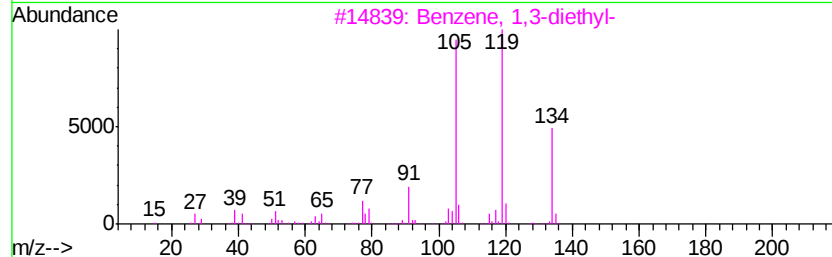
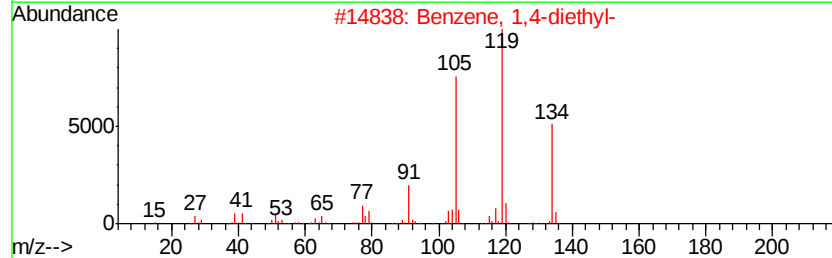
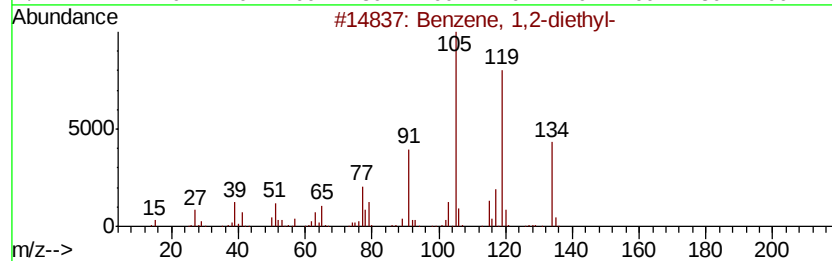
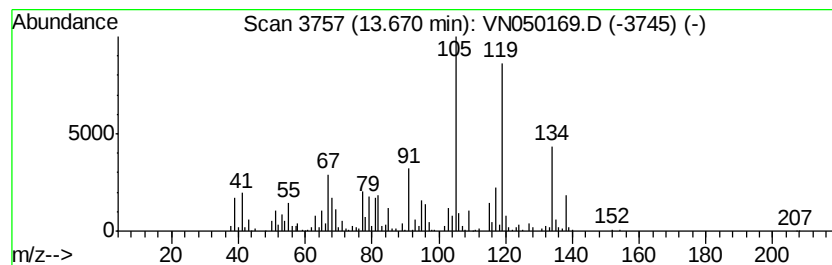
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Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	6.35 ug/l	286964	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70



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MW-24

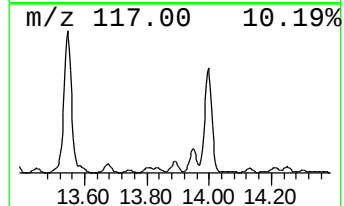
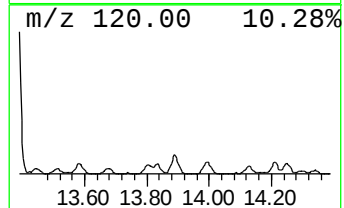
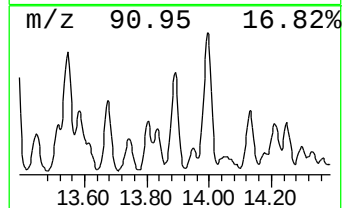
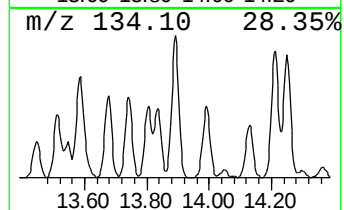
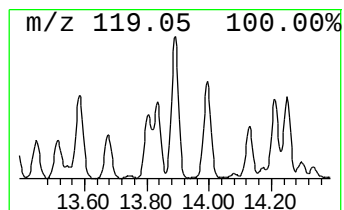
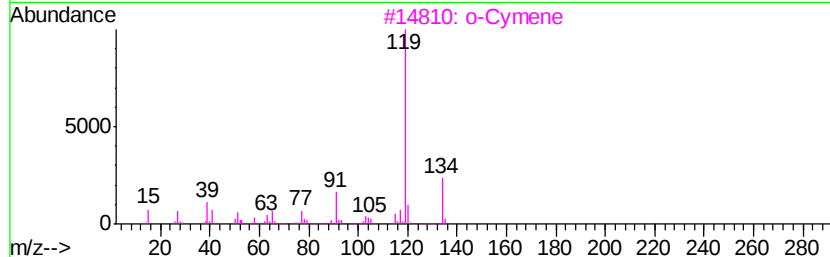
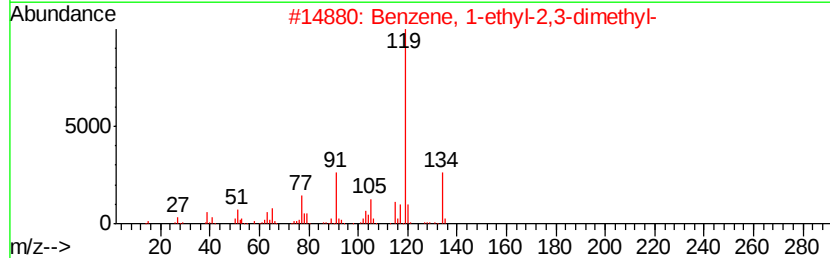
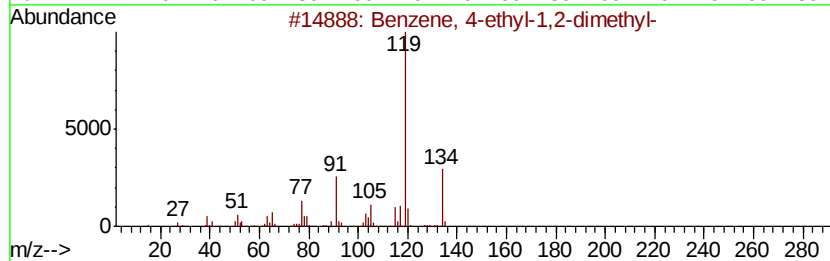
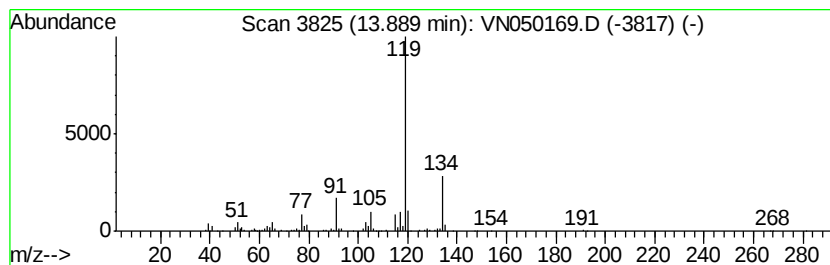
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.97 ug/l	269519	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		o-Cymene	134	C10H14	000527-84-4	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050169.D
Acq On : 28 Jul 2018 8:21
Operator : MD\SY
Sample : J4199-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

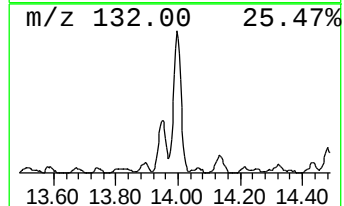
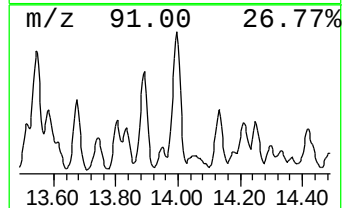
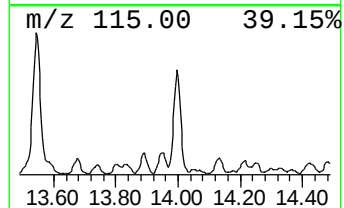
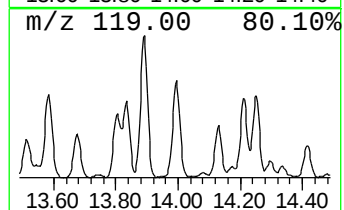
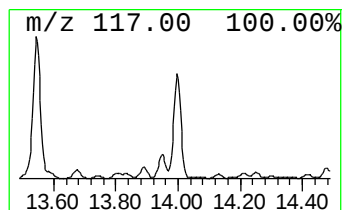
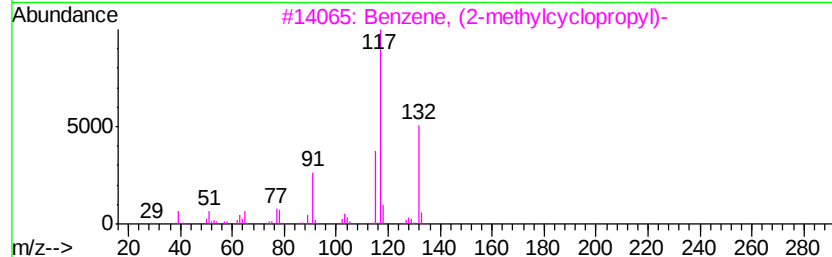
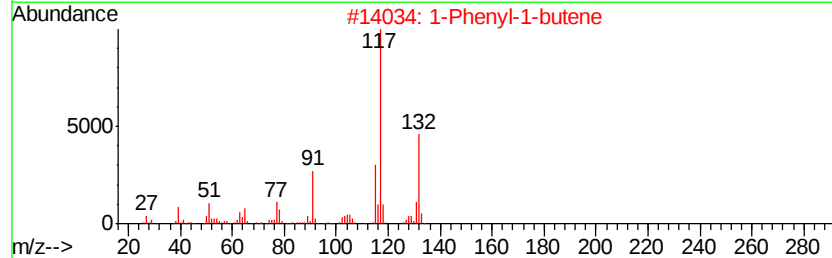
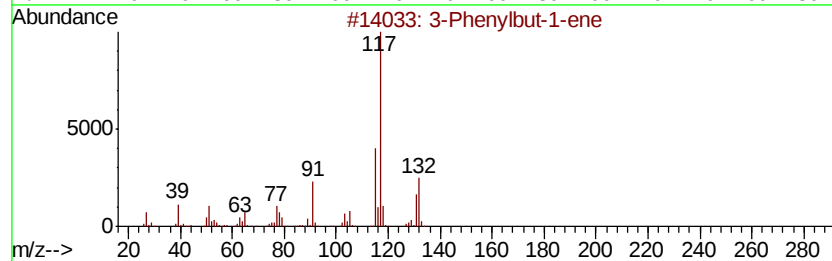
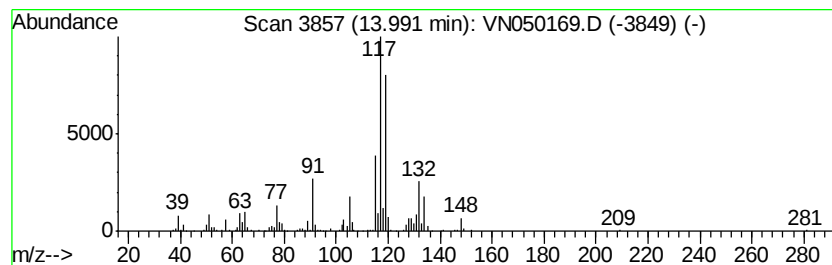
Instrument :
MSVOA_N
ClientSampled :
MW-24

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 7 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	10.29 ug/l	464863	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	70
2	1-Phenyl-1-butene	132 C10H12	000824-90-8	70
3	Benzene, (2-methylcyclopropyl)-	132 C10H12	1000327-39-0	64
4	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	62
5	Benzene, 2-ethenyl-1,3-dimethyl-	132 C10H12	002039-90-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050169.D
Acq On : 28 Jul 2018 8:21
Operator : MD\SY
Sample : J4199-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-24

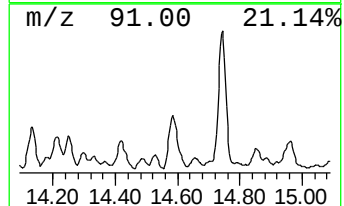
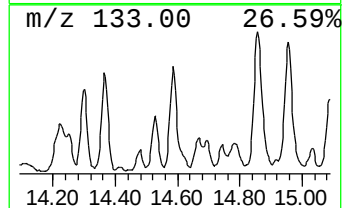
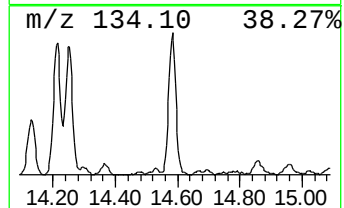
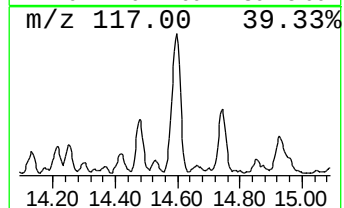
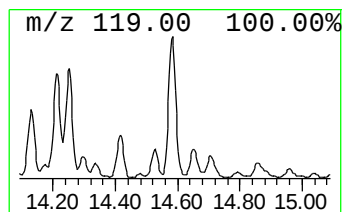
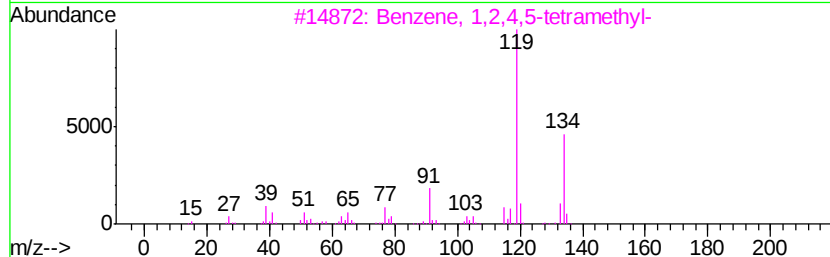
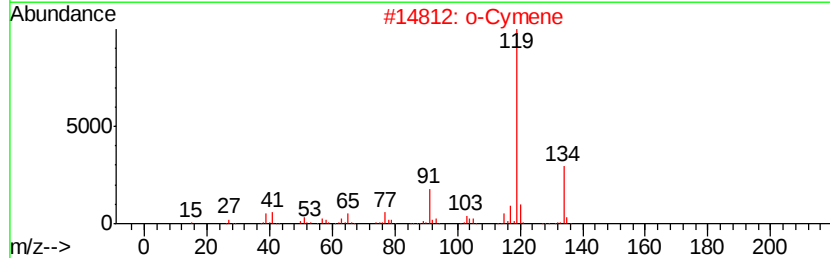
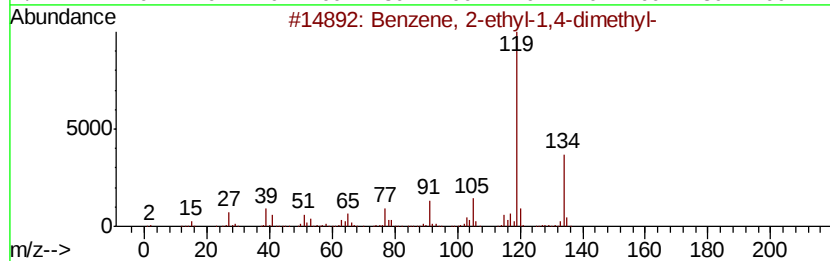
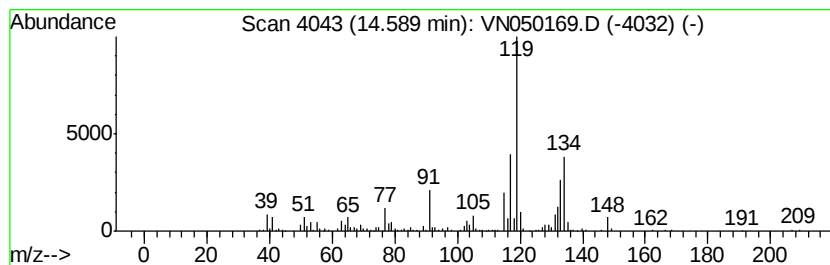
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.40 ug/l	334362	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
2		o-Cymene	134	C10H14	000527-84-4	76
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050169.D
Acq On : 28 Jul 2018 8:21
Operator : MD\SY
Sample : J4199-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-24

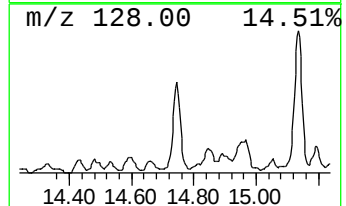
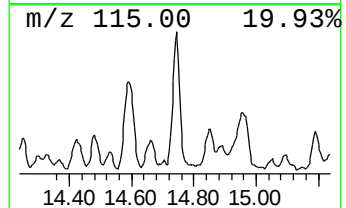
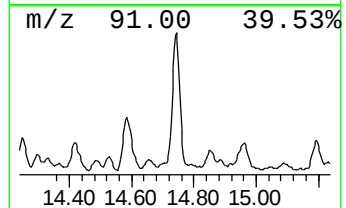
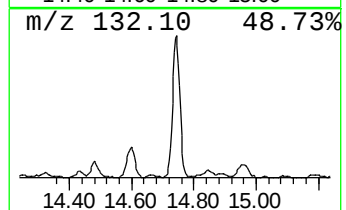
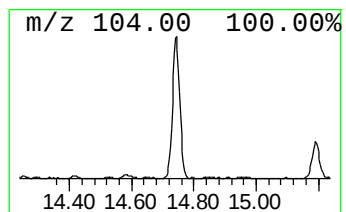
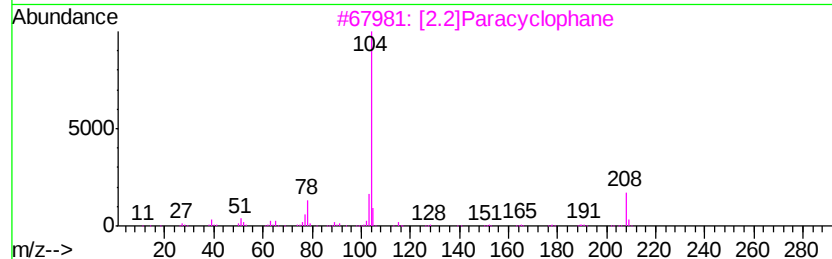
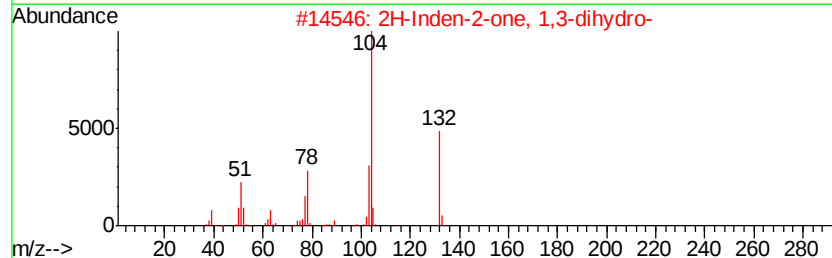
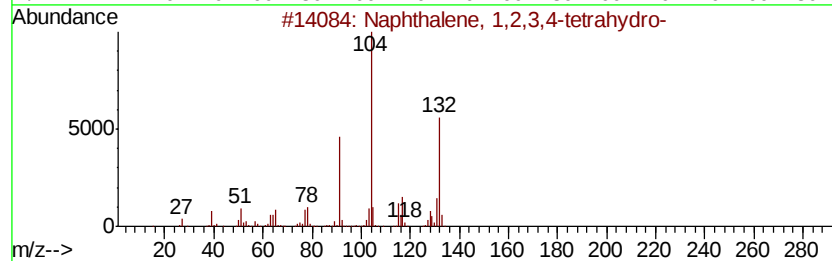
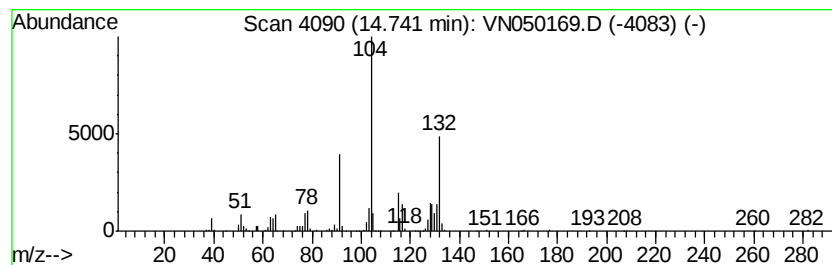
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.42 ug/l	290071	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43
3		[2.2]Paracyclophane	208	C16H16	001633-22-3	38
4		6-Dimethylaminomethyltricyclo[8.4.0.0 ^{2,5}]	281	C19H23NO	1000306-67-8	35
5		Benzene, 1,1'-(1,2-cyclobutanediyl)	208	C16H16	007694-30-6	30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072718\
Data File : VN050169.D
Acq On : 28 Jul 2018 8:21
Operator : MD\SY
Sample : J4199-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-24

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	8.25	14.5	ug/l	710614	2	8.59	2444530	50.0
Benzene, 1-ethyl-...	12.89	6.1	ug/l	274559	4	13.35	2258570	50.0
Indane	13.54	7.2	ug/l	325608	4	13.35	2258570	50.0
Benzene, 1,2-diet...	13.67	6.3	ug/l	286964	4	13.35	2258570	50.0
Benzene, 4-ethyl-...	13.89	6.0	ug/l	269519	4	13.35	2258570	50.0
3-Phenylbut-1-ene	13.99	10.3	ug/l	464863	4	13.35	2258570	50.0
Benzene, 2-ethyl-...	14.59	7.4	ug/l	334362	4	13.35	2258570	50.0
Naphthalene, 1,2,...	14.74	6.4	ug/l	290071	4	13.35	2258570	50.0