

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049691.D
 Acq On : 3 Jul 2018 14:11
 Operator : MD\SY
 Sample : J3811-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

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\82N062918W.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	1.655	3	20	51	rBV2	18566093	108174496	61.84%	12.382%
2	7.593	1847	1867	1878	rBV	929235	2291970	1.31%	0.262%
3	7.667	1879	1890	1927	rVB	1386874	3332019	1.90%	0.381%
4	8.030	1985	2003	2036	rBV	959673	2275243	1.30%	0.260%
5	8.587	2161	2176	2213	rVB	2080667	4439617	2.54%	0.508%
6	10.095	2629	2645	2688	rBV	3561792	6947452	3.97%	0.795%
7	11.410	3040	3054	3073	rBV	2677045	4916331	2.81%	0.563%
8	11.619	3104	3119	3142	rBV	7541726	14703369	8.41%	1.683%
9	11.950	3199	3222	3245	rBV	11085557	20141383	11.51%	2.305%
10	12.252	3306	3316	3328	rVB	2738011	4328303	2.47%	0.495%
11	12.403	3353	3363	3374	rBV	2737795	4495146	2.57%	0.515%
12	12.593	3407	3422	3431	rBV	6193661	10426927	5.96%	1.194%
13	12.657	3431	3442	3449	rBV2	44723433	76762026	43.88%	8.787%
14	12.738	3459	3467	3480	rVB2	45927276	73427175	41.98%	8.405%
15	12.895	3501	3516	3530	rBV2	47578646	79268207	45.32%	9.073%
16	13.043	3550	3562	3576	rVB3	100208616	174925978	100.00%	20.023%
17	13.175	3588	3603	3612	rBV2	3168494	6760951	3.87%	0.774%
18	13.236	3612	3622	3632	rVV	9452366	15060226	8.61%	1.724%
19	13.294	3632	3640	3648	rVV	3990969	5969479	3.41%	0.683%
20	13.378	3648	3666	3679	rVV3	68727115	122765791	70.18%	14.052%
21	13.445	3679	3687	3698	rVB	2282173	3538225	2.02%	0.405%
22	13.516	3698	3709	3711	rBV	4885610	6352919	3.63%	0.727%
23	13.545	3711	3718	3725	rVV2	17196888	28431127	16.25%	3.254%
24	13.587	3726	3731	3748	rVB2	8469491	14629195	8.36%	1.675%
25	13.673	3748	3758	3768	rVB	2569285	4297477	2.46%	0.492%
26	13.741	3769	3779	3789	rBV	5588373	8550647	4.89%	0.979%
27	13.805	3789	3799	3804	rVV	5499557	8691266	4.97%	0.995%
28	13.834	3805	3808	3817	rVV	4889511	6310961	3.61%	0.722%
29	13.892	3817	3826	3835	rVV	6182524	9219192	5.27%	1.055%
30	13.950	3835	3844	3850	rVV	1936820	2974412	1.70%	0.340%
31	13.998	3850	3859	3869	rVV2	7488362	12345981	7.06%	1.413%
32	14.133	3890	3901	3910	rBV2	3357934	5247087	3.00%	0.601%
33	14.210	3911	3925	3931	rVV	1882500	3286459	1.88%	0.376%
34	14.252	3931	3938	3947	rVB	3288774	4954656	2.83%	0.567%

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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 >
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35	14.586	4031	4042	4057	rBV4	4243450	8636416	4.94%	0.989%
36	14.744	4081	4091	4108	rVB	1529152	2533472	1.45%	0.290%
37	15.136	4203	4213	4230	rVB	1266355	2221134	1.27%	0.254%

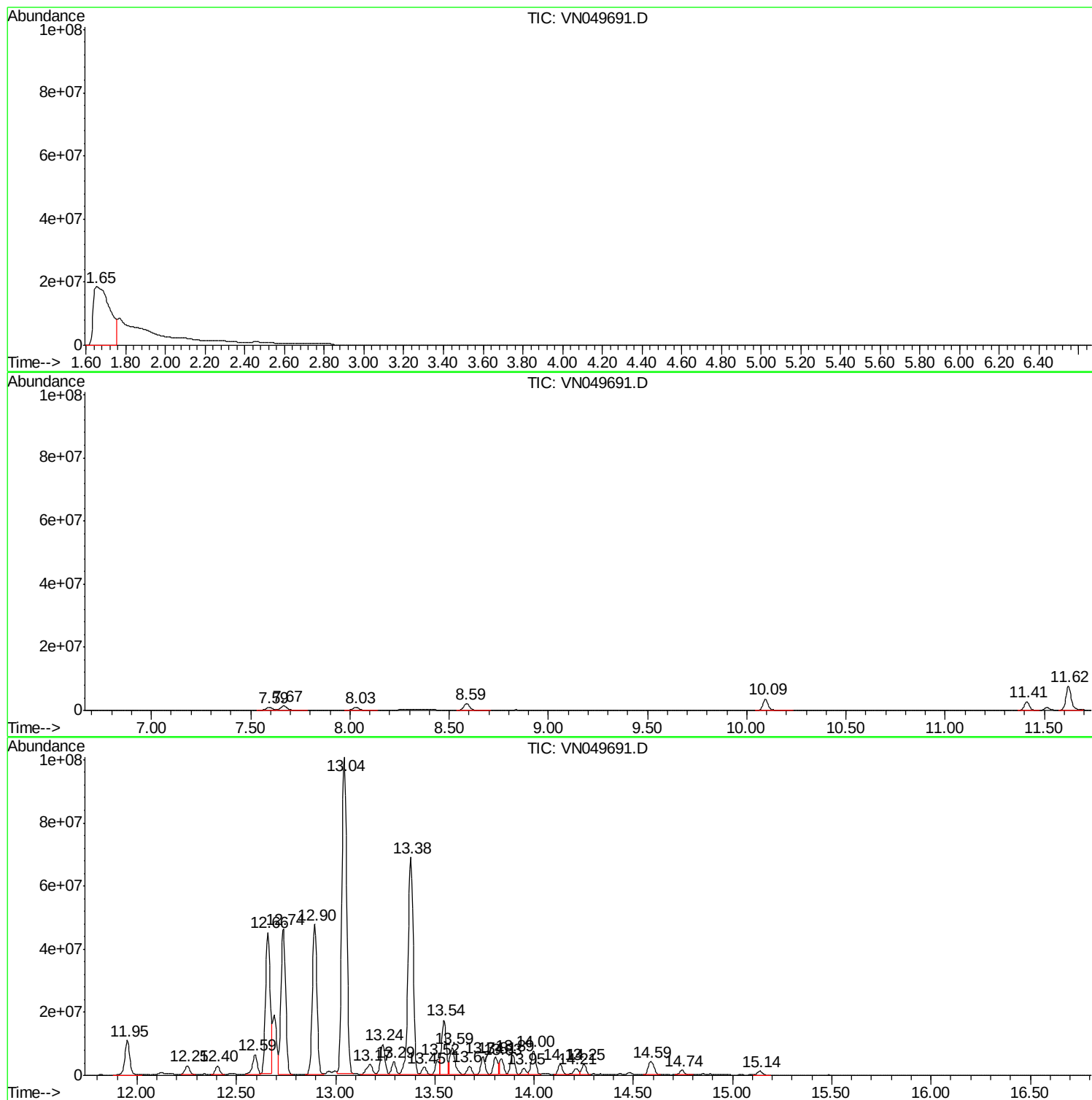
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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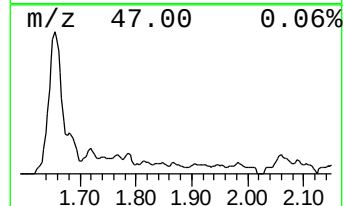
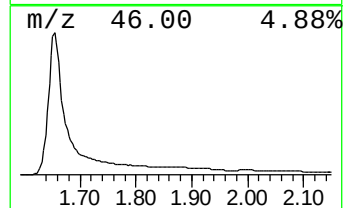
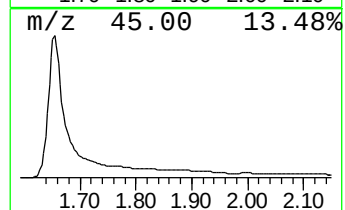
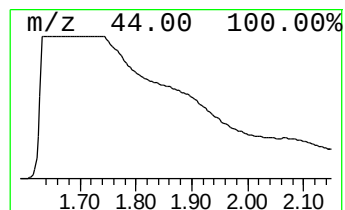
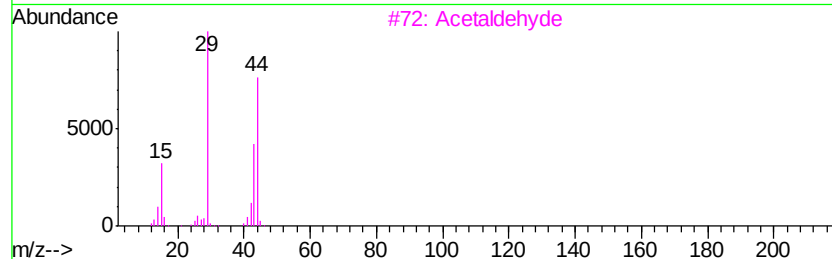
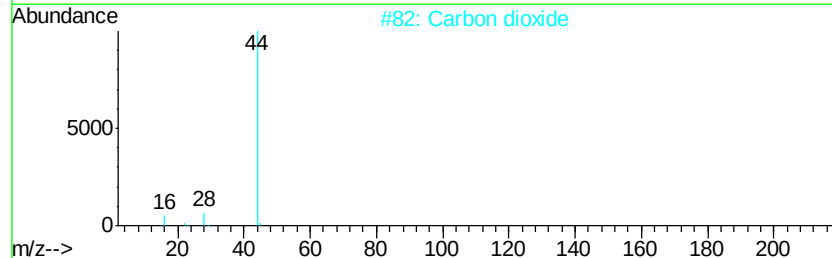
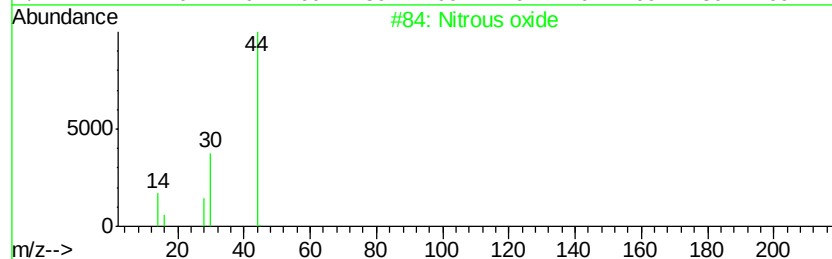
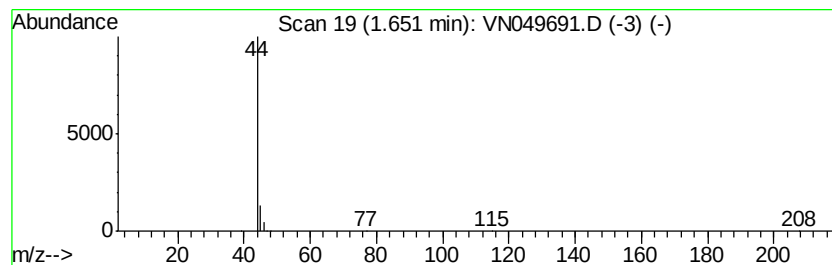
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown1.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	1623.26 ug/l	108174000	Pentafluorobenzene	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nitrous oxide	44	N2O	010024-97-2	2
2		Carbon dioxide	44	CO2	000124-38-9	2
3		Acetaldehyde	44	C2H4O	000075-07-0	2
4		Ethyne, fluoro-	44	C2HF	002713-09-9	2
5		Ethylene oxide	44	C2H4O	000075-21-8	2



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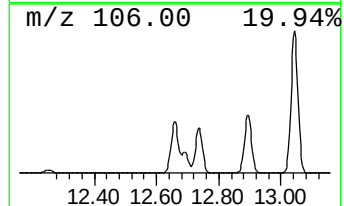
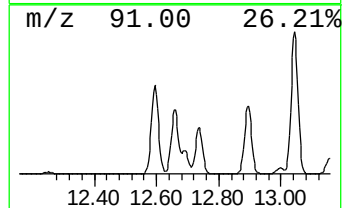
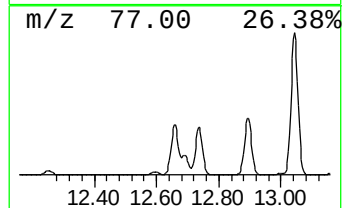
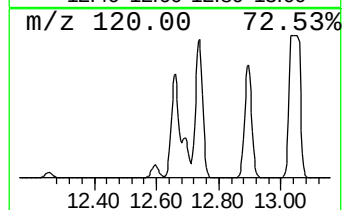
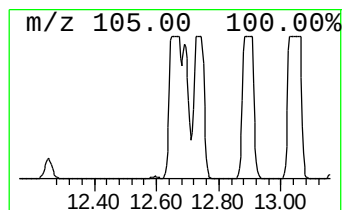
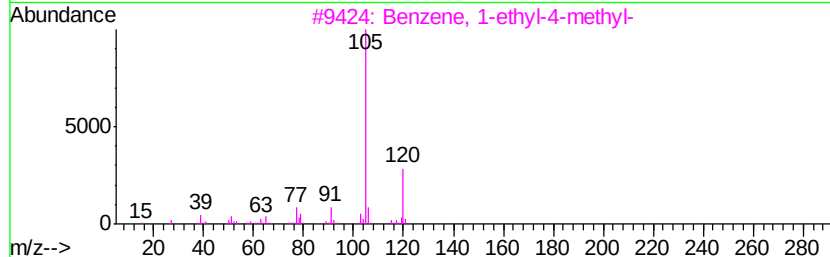
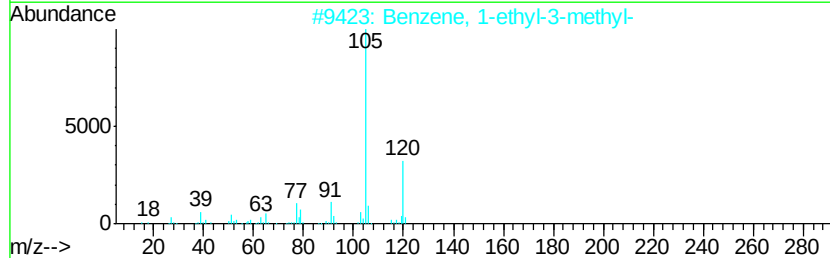
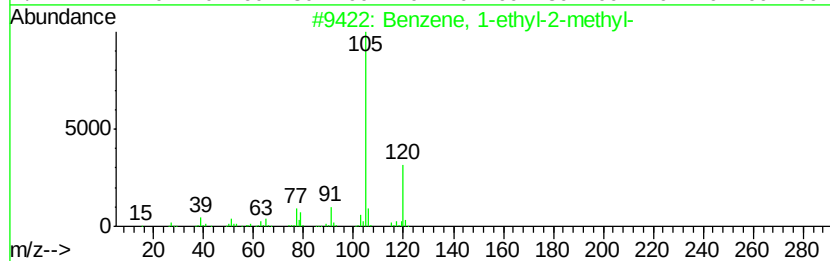
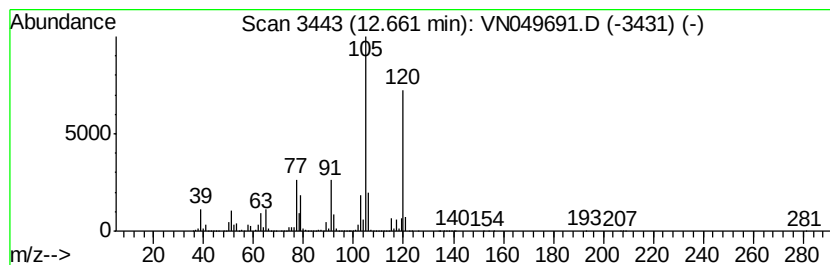
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	31.26 ug/l	76762000	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	91
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76



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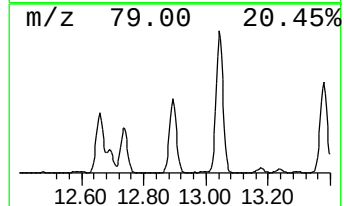
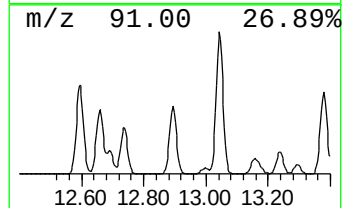
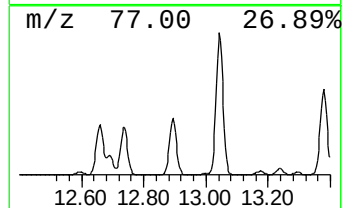
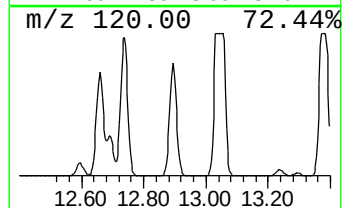
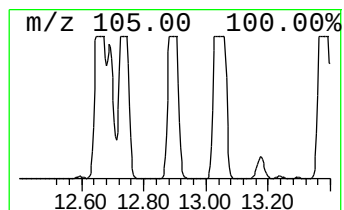
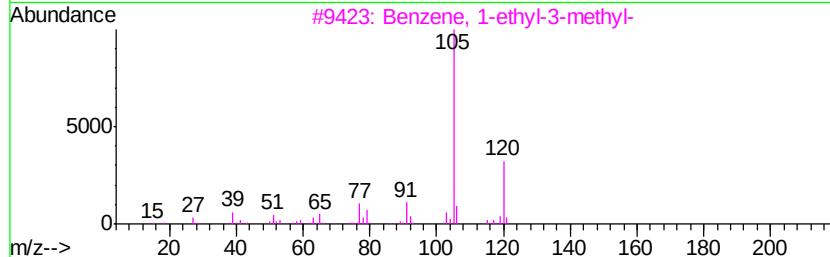
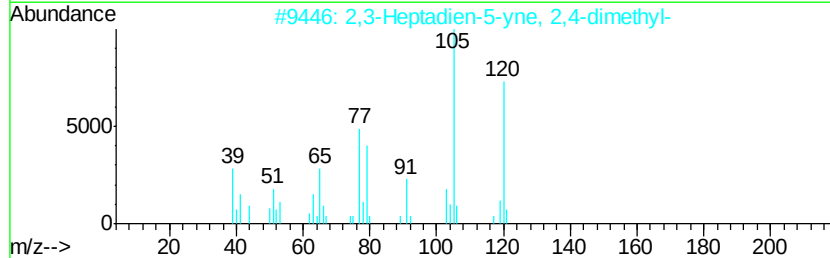
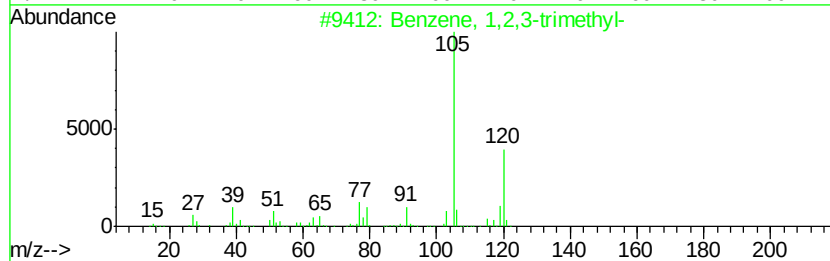
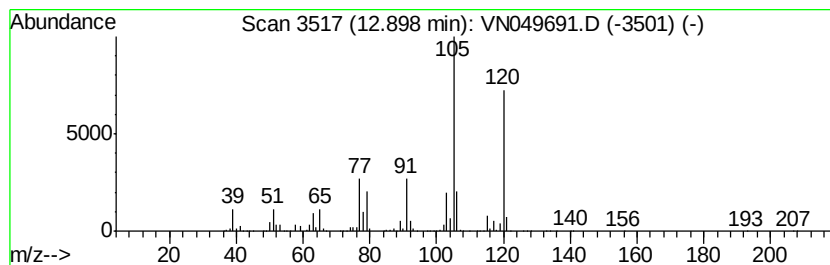
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	32.28 ug/l	79268200	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2		2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	83
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	74



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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

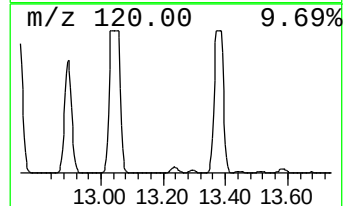
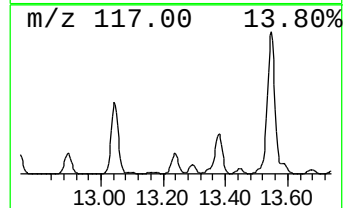
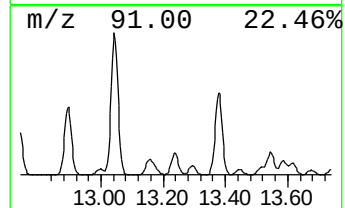
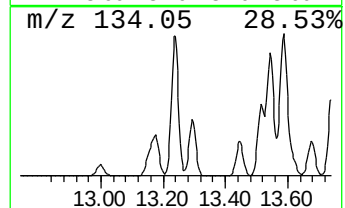
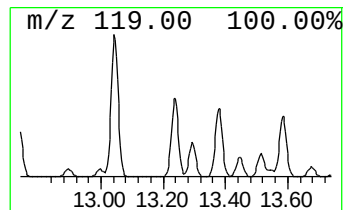
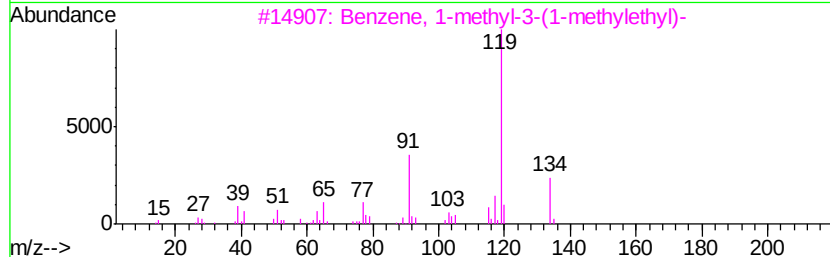
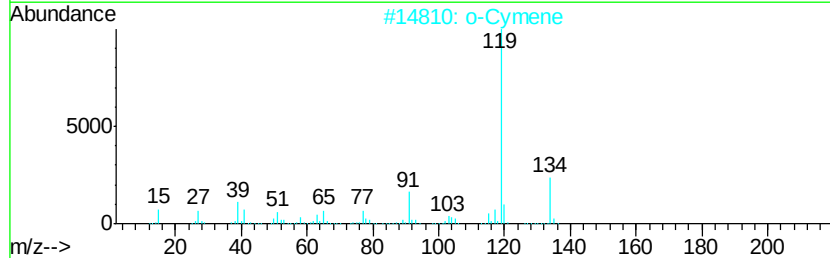
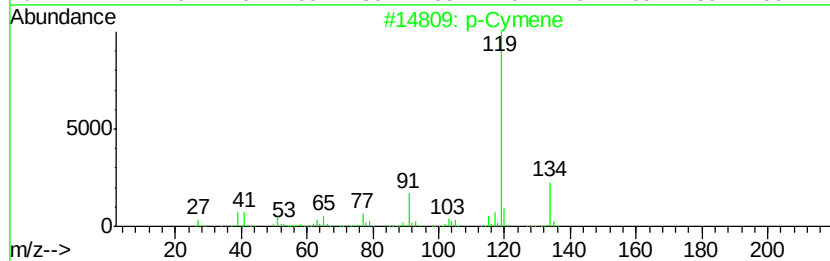
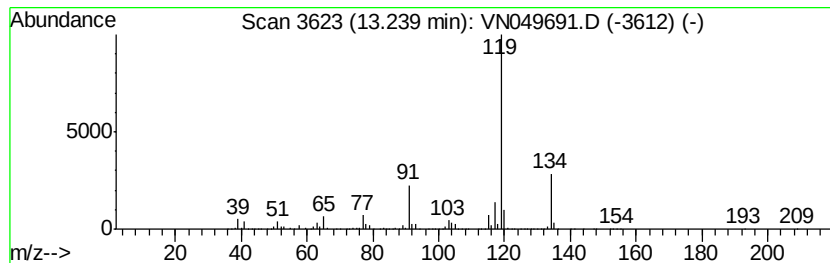
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.24	6.13 ug/l	15060200	1,4-Dichlorobenzene-d4	13.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



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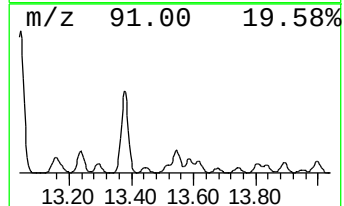
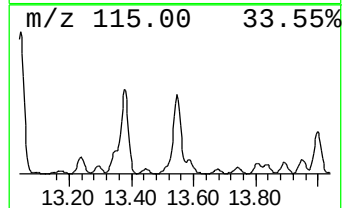
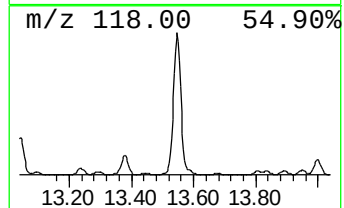
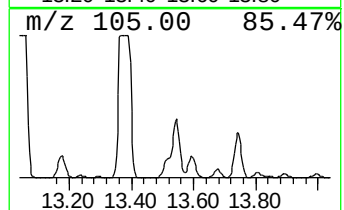
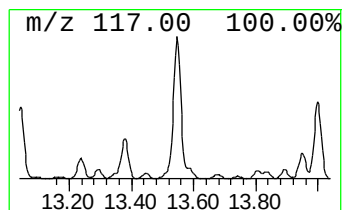
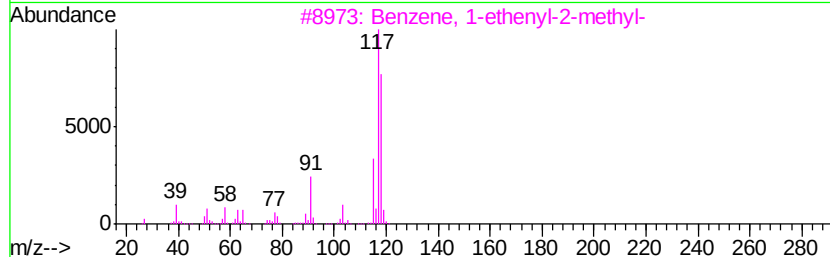
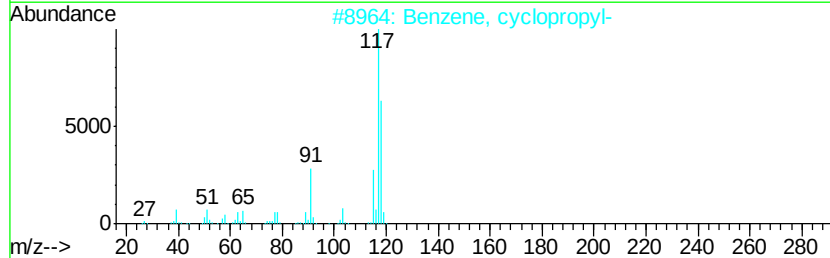
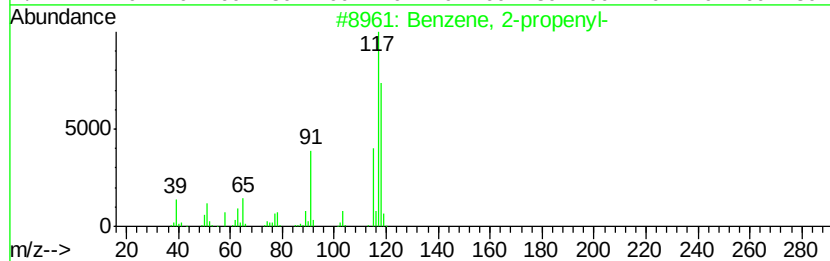
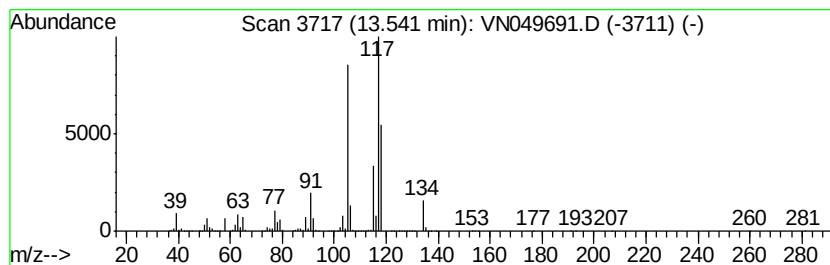
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	11.58 ug/l	28431100	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	58
5		Indane	118	C9H10	000496-11-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049691.D
Acq On : 3 Jul 2018 14:11
Operator : MD\SY
Sample : J3811-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

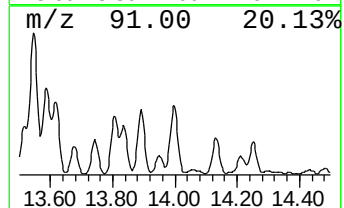
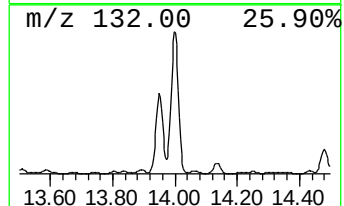
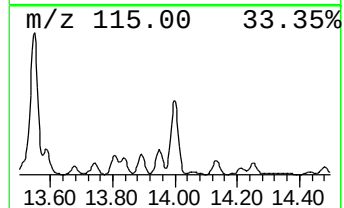
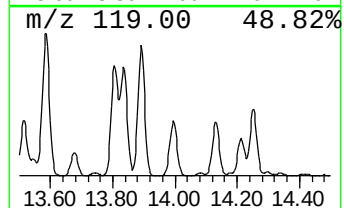
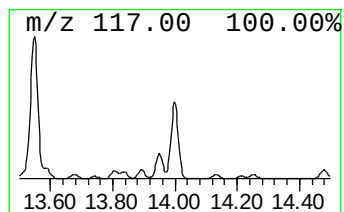
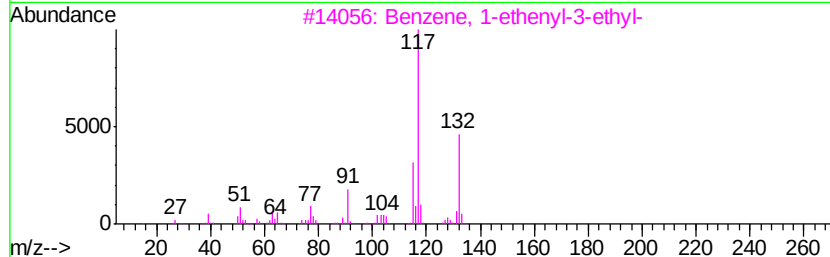
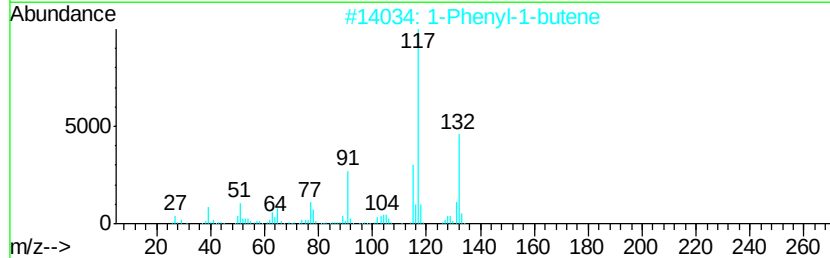
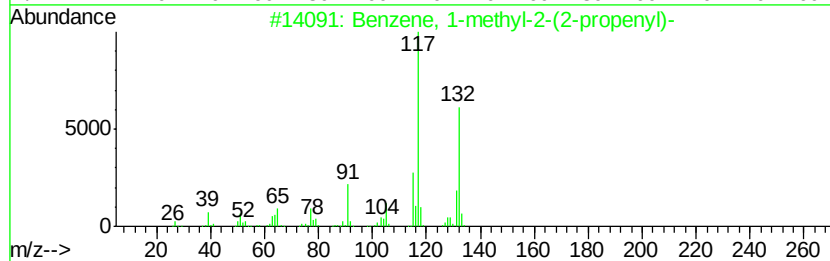
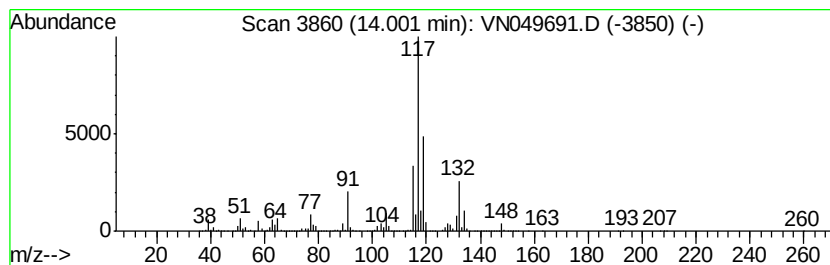
Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.00	5.03 ug/l	12346000	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	64
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	64
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	62



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Instrument :
MSVOA_N
ClientSampleId :
MW-6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.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
unknown1.65	1.65	1623.3	ug/l	108174000	1	7.67	3332020	50.0
Benzene, 1-ethyl-...	12.66	31.3	ug/l	76762000	4	13.35	122766000	50.0
Benzene, 1,2,3-tr...	12.90	32.3	ug/l	79268200	4	13.35	122766000	50.0
p-Cymene	13.24	6.1	ug/l	15060200	4	13.35	122766000	50.0
Benzene, 2-propenyl-	13.54	11.6	ug/l	28431100	4	13.35	122766000	50.0
Benzene, 1-methyl...	14.00	5.0	ug/l	12346000	4	13.35	122766000	50.0