

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055441.D
 Acq On : 7 May 2019 16:44
 Operator : JC/SP
 Sample : K2658-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-W4-5

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\82N042919W.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	7.593	1791	1810	1821	rBV	301133	759110	9.59%	1.234%
2	7.667	1821	1833	1863	rVB3	546338	1339716	16.92%	2.179%
3	8.030	1928	1946	1972	rBV2	348474	832455	10.51%	1.354%
4	8.587	2102	2119	2161	rBV	800167	1786181	22.56%	2.905%
5	10.092	2572	2587	2632	rBV	1184862	2361092	29.82%	3.839%
6	11.407	2982	2996	3016	rBV	1005878	1861228	23.51%	3.027%
7	11.509	3017	3028	3046	rVB2	87466	196588	2.48%	0.320%
8	11.654	3064	3073	3082	rBV6	67116	123811	1.56%	0.201%
9	11.921	3142	3156	3170	rBV6	82460	265453	3.35%	0.432%
10	12.117	3209	3217	3225	rBV	97687	149917	1.89%	0.244%
11	12.249	3249	3258	3268	rVB	198384	319972	4.04%	0.520%
12	12.400	3294	3305	3318	rBV	775413	1330046	16.80%	2.163%
13	12.474	3318	3328	3339	rVV3	70417	135177	1.71%	0.220%
14	12.567	3347	3357	3358	rBV2	148411	190265	2.40%	0.309%
15	12.590	3359	3364	3374	rVB	281869	425891	5.38%	0.693%
16	12.651	3375	3383	3391	rBV3	53779	90738	1.15%	0.148%
17	12.731	3395	3408	3420	rVV	2162679	3486383	44.03%	5.669%
18	12.960	3471	3479	3483	rBV4	118619	177868	2.25%	0.289%
19	12.992	3484	3489	3494	rVV2	218805	331685	4.19%	0.539%
20	13.040	3494	3504	3530	rVV	4949436	7917837	100.00%	12.875%
21	13.169	3530	3544	3554	rVV3	721536	1425451	18.00%	2.318%
22	13.233	3554	3564	3574	rVV	1348022	2187124	27.62%	3.557%
23	13.288	3575	3581	3588	rVV	120947	172516	2.18%	0.281%
24	13.345	3588	3599	3601	rVV	794962	1077768	13.61%	1.753%
25	13.374	3602	3608	3621	rVV	1449365	2387318	30.15%	3.882%
26	13.442	3621	3629	3639	rVV	317826	513339	6.48%	0.835%
27	13.513	3640	3651	3654	rVV	1073061	1593970	20.13%	2.592%
28	13.542	3654	3660	3666	rVV	1926338	3004337	37.94%	4.885%
29	13.583	3666	3673	3689	rVV3	1900018	3424856	43.25%	5.569%
30	13.670	3689	3700	3712	rVB4	529874	914425	11.55%	1.487%
31	13.802	3728	3741	3745	rBV	1333833	2039655	25.76%	3.317%
32	13.831	3746	3750	3759	rVV	1457715	2100078	26.52%	3.415%
33	13.889	3759	3768	3777	rVV	1742074	2677766	33.82%	4.354%
34	13.947	3777	3786	3791	rVV	419235	694979	8.78%	1.130%

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Integration Parameters: RTEINT.P

Integrator: RTE
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Sampling : 1
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Stop Thrs : 0
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Max Peaks: 100
Peak Location: TOP

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35	13.992	3791	3800	3810	rVV2	1594023	2808168	35.47%	4.566%
36	14.046	3810	3817	3832	rVV5	210183	615344	7.77%	1.001%
37	14.127	3832	3842	3852	rVV2	932552	1556237	19.65%	2.531%
38	14.210	3852	3868	3873	rVV	784479	1500512	18.95%	2.440%
39	14.249	3873	3880	3889	rVV	1442757	2307042	29.14%	3.752%
40	14.294	3889	3894	3901	rVV2	261345	396926	5.01%	0.645%
41	14.329	3901	3905	3910	rVV3	129605	182932	2.31%	0.297%
42	14.361	3911	3915	3923	rVV	110312	157348	1.99%	0.256%
43	14.429	3923	3936	3943	rVV5	169460	344889	4.36%	0.561%
44	14.477	3943	3951	3959	rVV2	227732	386804	4.89%	0.629%
45	14.522	3959	3965	3973	rVV2	147795	218530	2.76%	0.355%
46	14.583	3973	3984	3998	rVV3	933037	1921088	24.26%	3.124%
47	14.651	3998	4005	4016	rVB4	67294	119067	1.50%	0.194%
48	14.741	4025	4033	4041	rVB	116553	169875	2.15%	0.276%
49	14.850	4050	4067	4072	rBV4	101644	196650	2.48%	0.320%
50	14.956	4089	4100	4114	rVB2	138345	319147	4.03%	0.519%

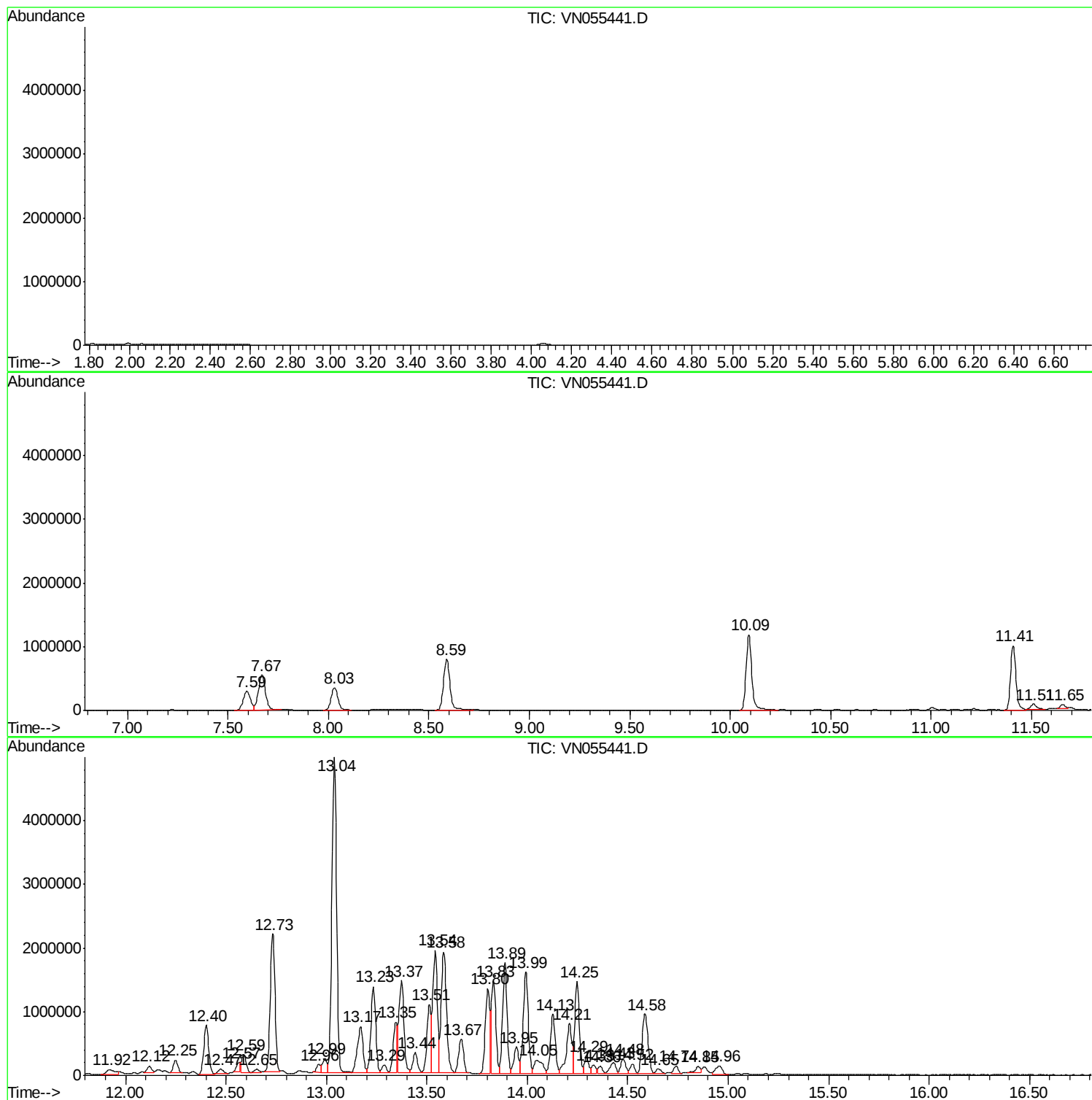
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Instrument :
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ClientSampleId :
EP1-PZ-W4-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260

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



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5

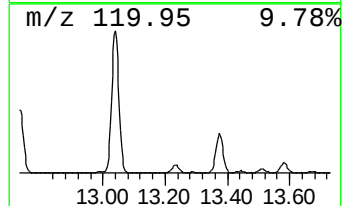
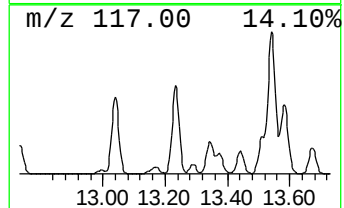
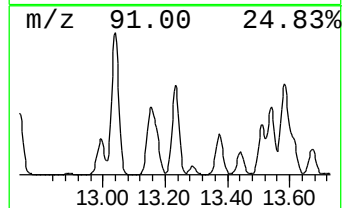
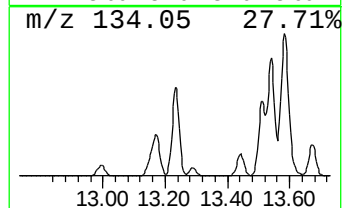
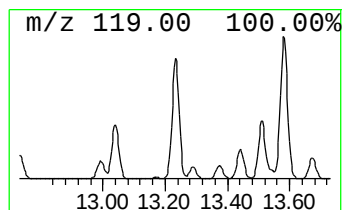
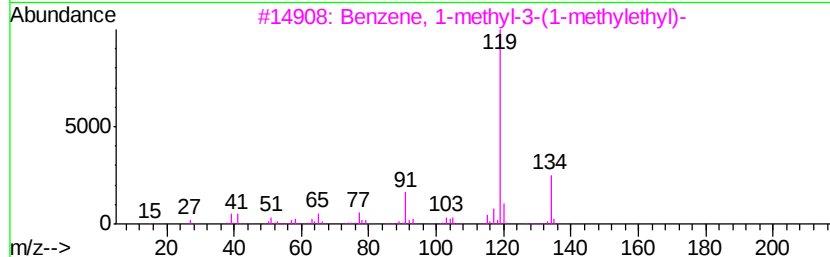
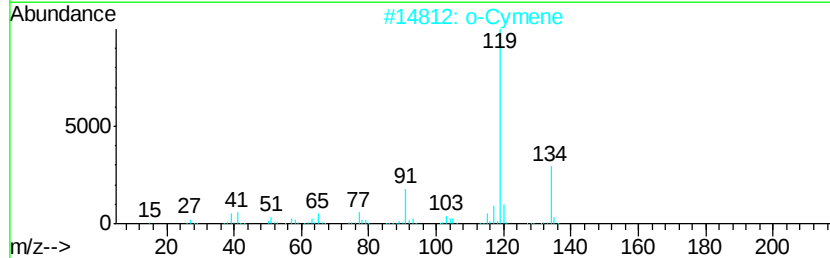
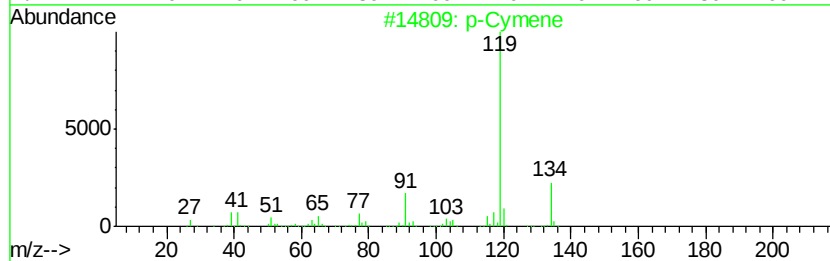
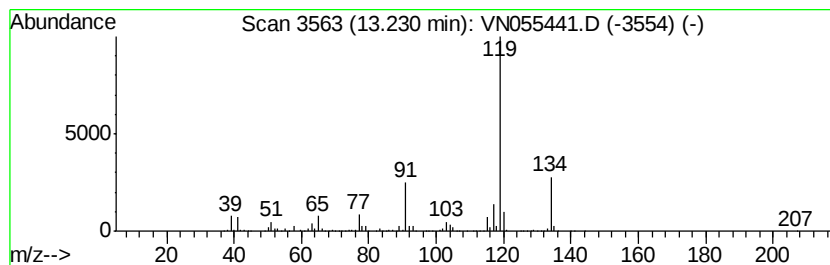
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Quant Title : SW846 8260

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

Peak Number 1 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	101.47 ug/l	2187120	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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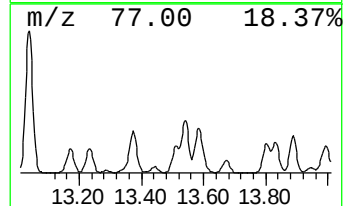
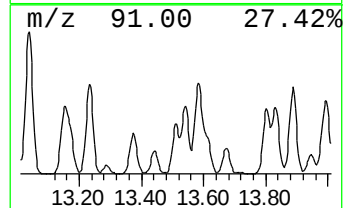
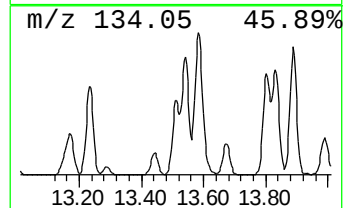
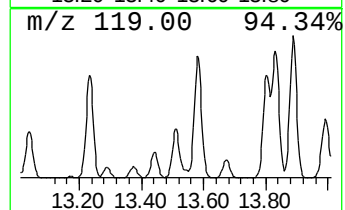
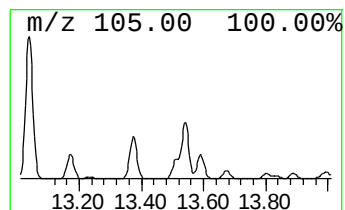
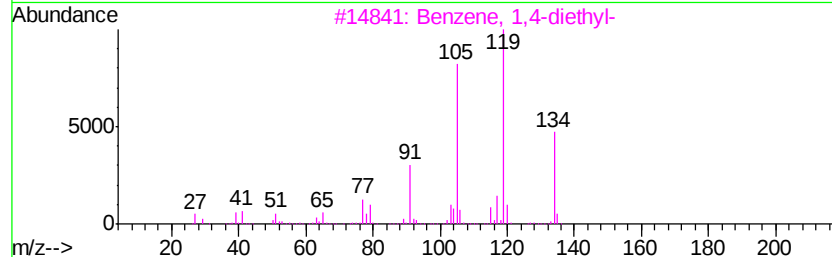
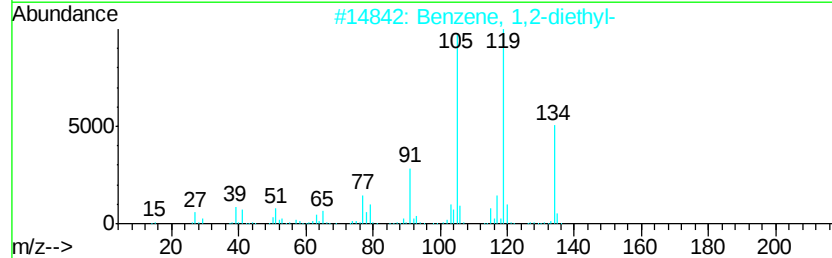
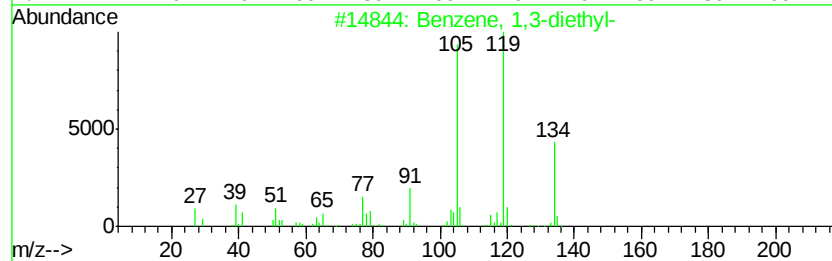
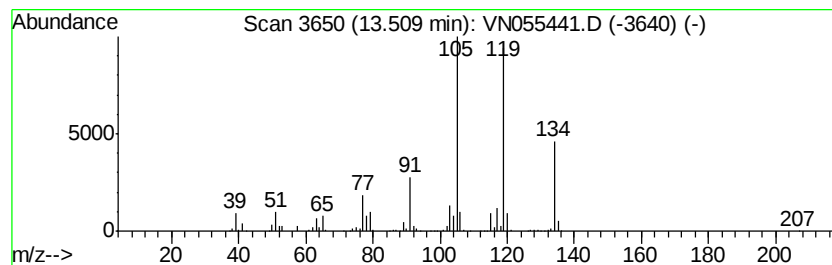
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	73.95 ug/l	1593970	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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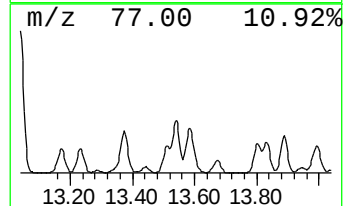
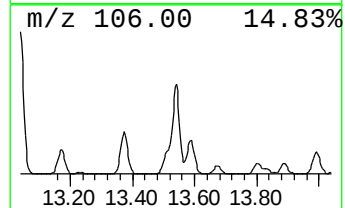
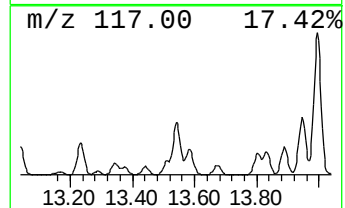
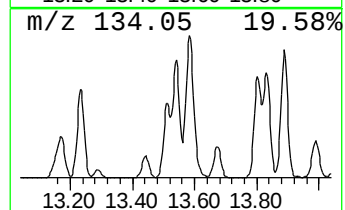
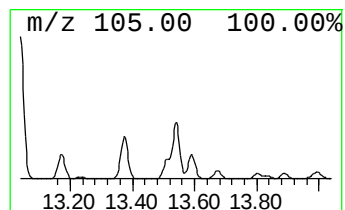
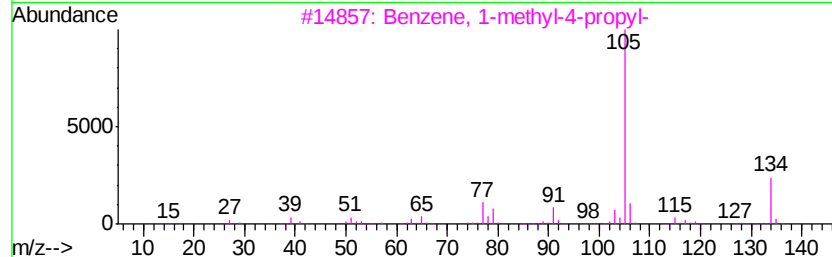
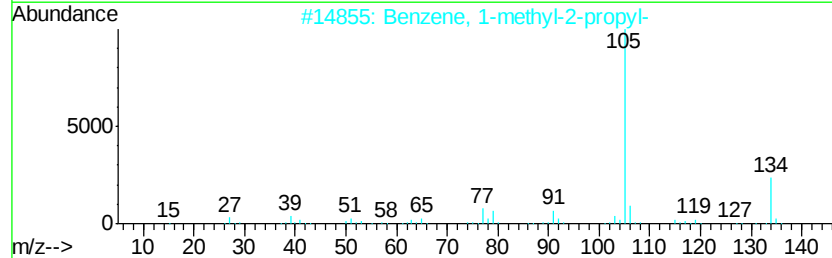
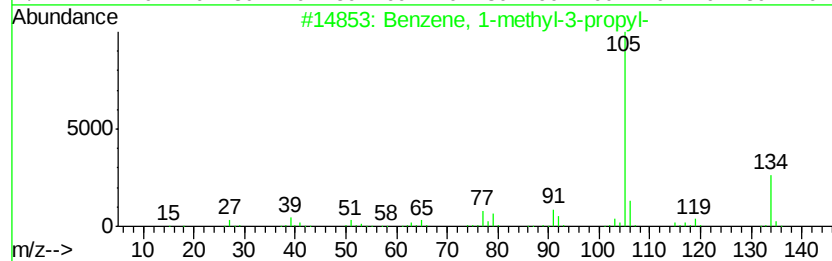
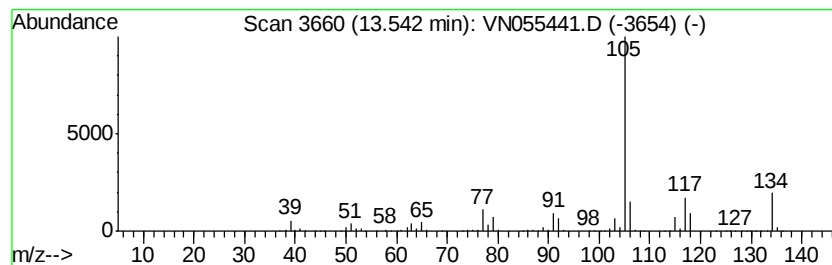
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	139.38 ug/l	3004340	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	52



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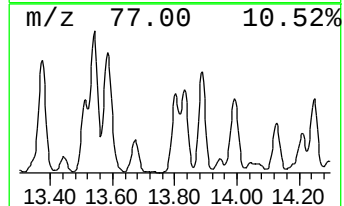
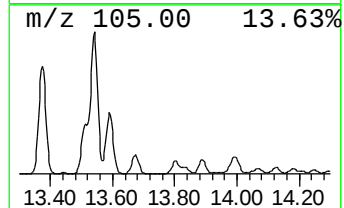
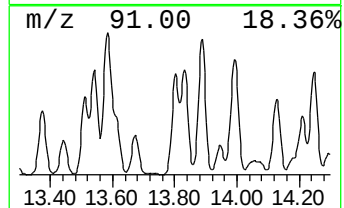
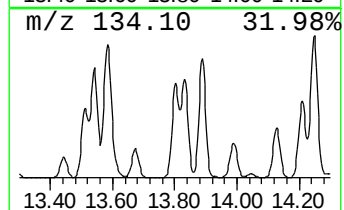
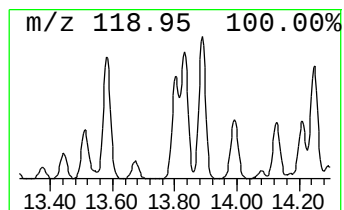
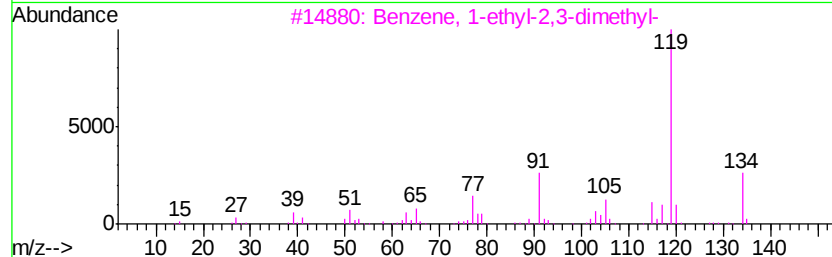
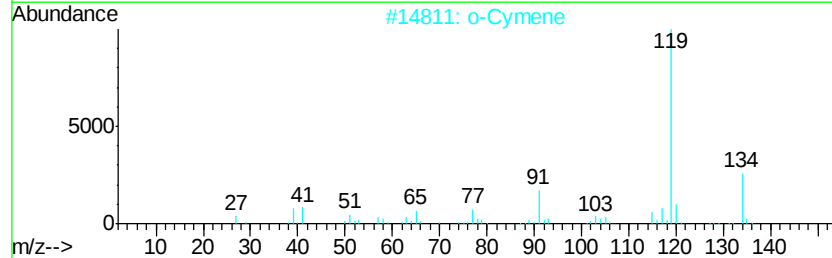
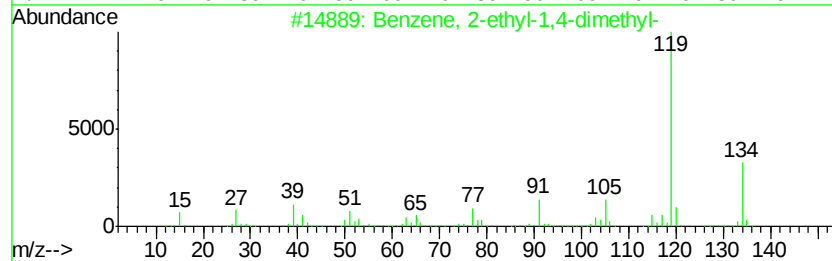
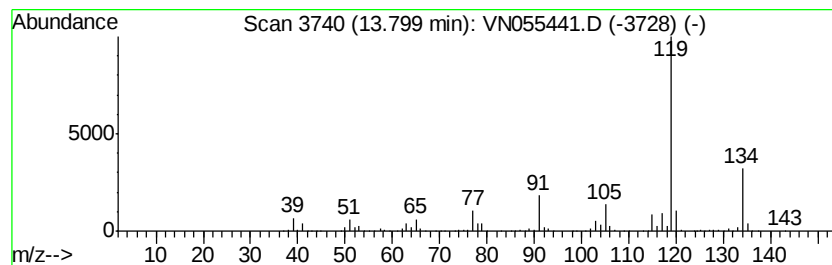
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	94.62 ug/l	2039660	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	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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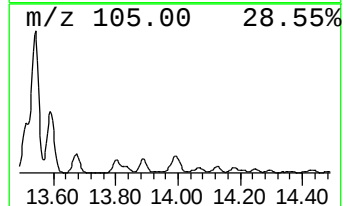
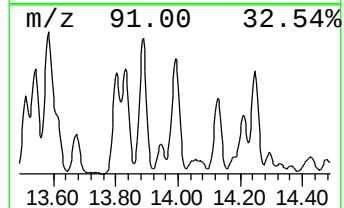
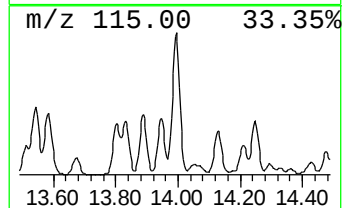
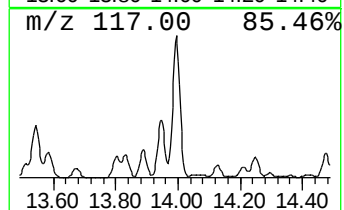
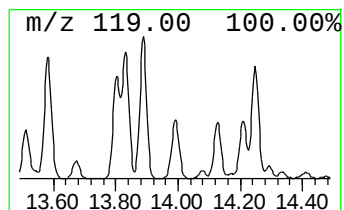
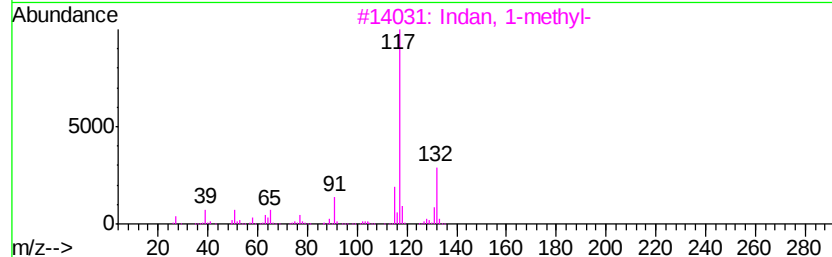
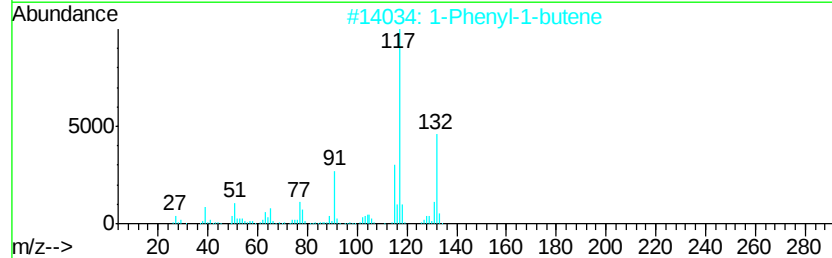
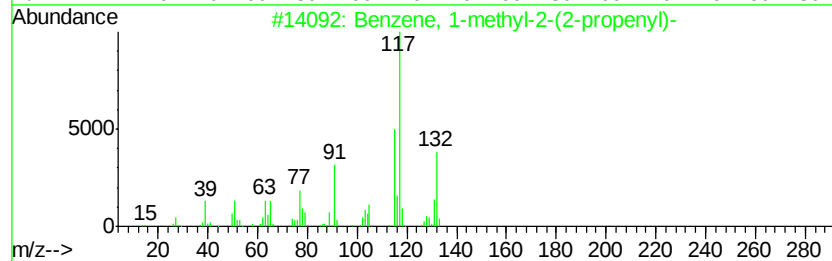
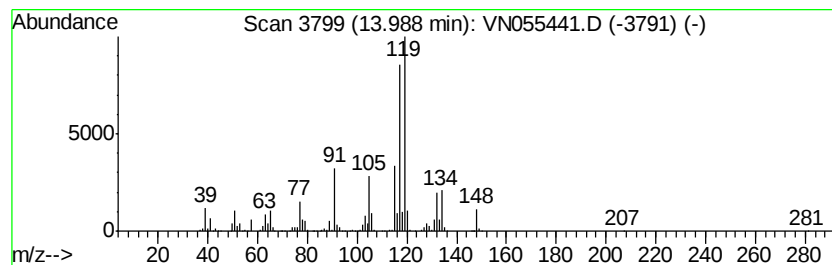
Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	130.28 ug/l	2808170	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		1-Phenyl-1-butene	132 C10H12	000824-90-8 64
3		Indan, 1-methyl-	132 C10H12	000767-58-8 50
4		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 50
5		Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055441.D
Acq On : 7 May 2019 16:44
Operator : JC/SP
Sample : K2658-22
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5

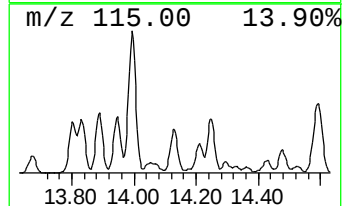
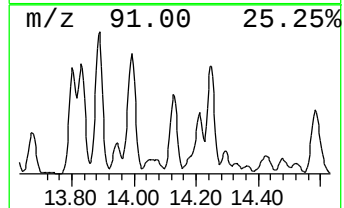
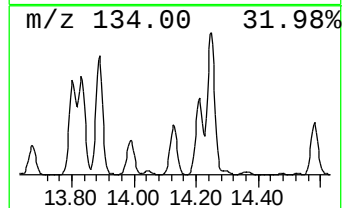
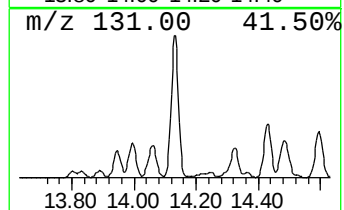
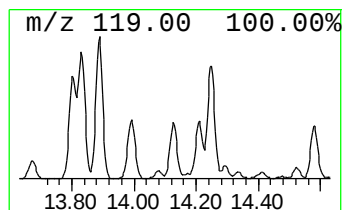
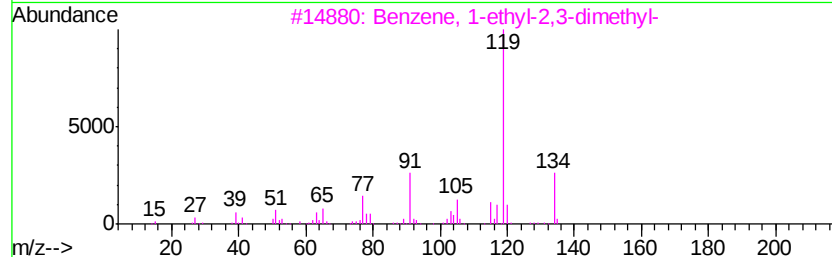
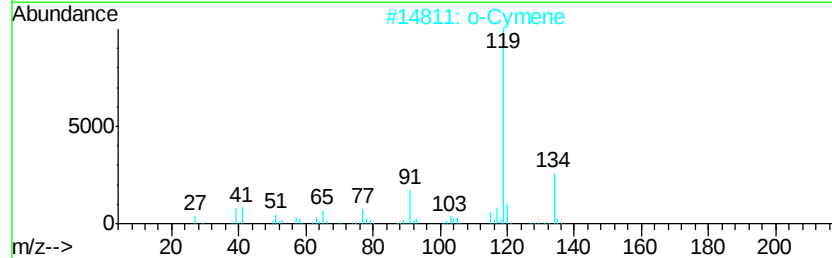
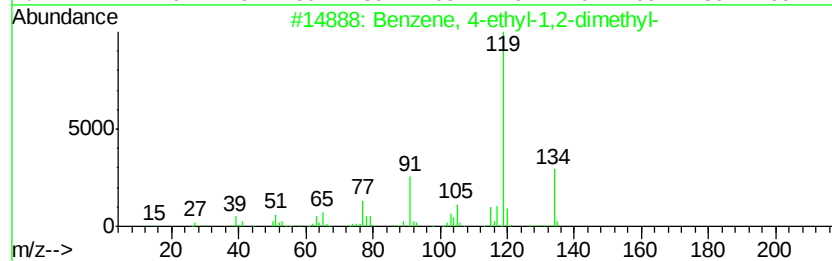
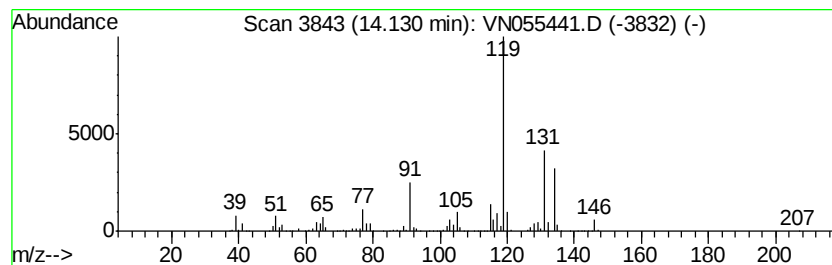
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	72.20 ug/l	1556240	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		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055441.D
Acq On : 7 May 2019 16:44
Operator : JC/SP
Sample : K2658-22
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-W4-5

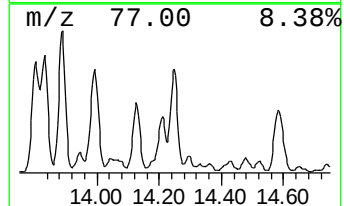
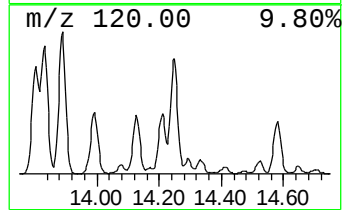
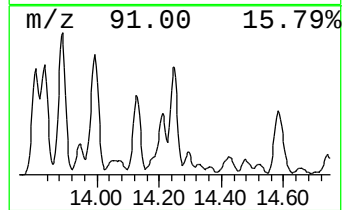
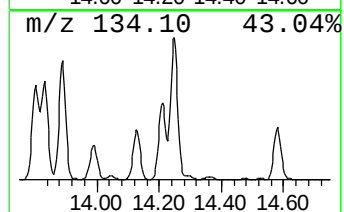
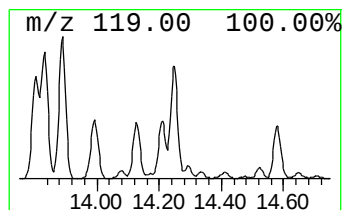
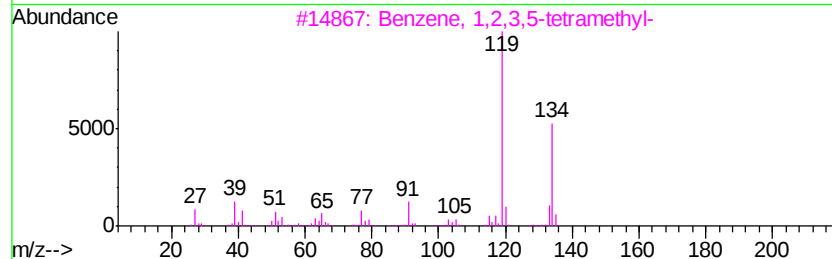
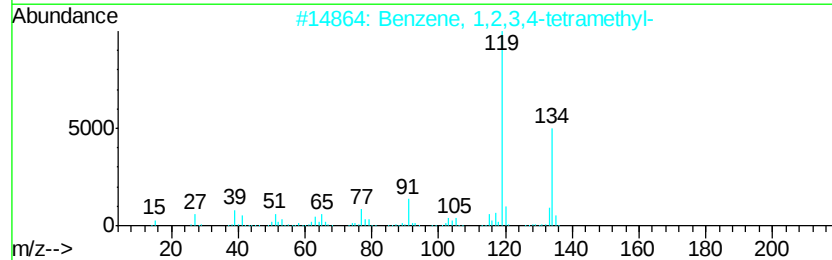
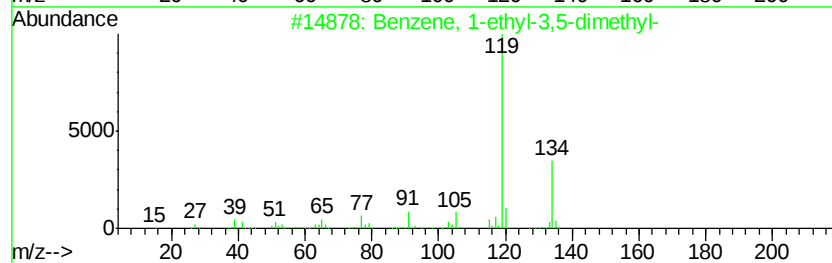
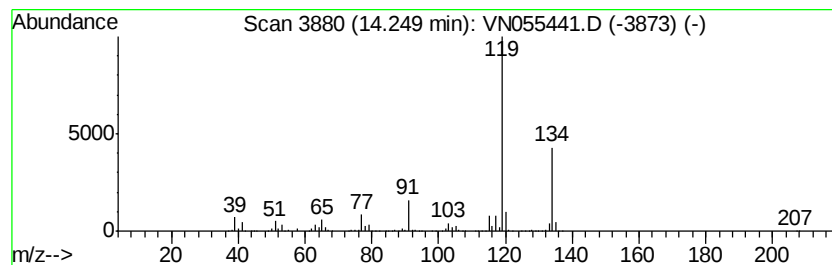
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	107.03 ug/l	2307040	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
Data File : VN055441.D
Acq On : 7 May 2019 16:44
Operator : JC/SP
Sample : K2658-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-W4-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.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
p-Cymene	13.23	101.5	ug/l	2187120	4	13.35	1077770	50.0
Benzene, 1,3-diet...	13.51	74.0	ug/l	1593970	4	13.35	1077770	50.0
Benzene, 1-methyl...	13.54	139.4	ug/l	3004340	4	13.35	1077770	50.0
Benzene, 2-ethyl-...	13.80	94.6	ug/l	2039660	4	13.35	1077770	50.0
Benzene, 1-methyl...	13.99	130.3	ug/l	2808170	4	13.35	1077770	50.0
Benzene, 4-ethyl-...	14.13	72.2	ug/l	1556240	4	13.35	1077770	50.0
Benzene, 1-ethyl-...	14.25	107.0	ug/l	2307040	4	13.35	1077770	50.0