

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055348.D
 Acq On : 2 May 2019 14:14
 Operator : JC/SP
 Sample : K2658-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-E3-4

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	7.667	1821	1833	1862	rVB2	428478	1036013	1.26%	0.353%
2	8.587	2103	2119	2148	rBV	658006	1429418	1.74%	0.487%
3	10.091	2572	2587	2615	rBV	1069940	2206787	2.68%	0.752%
4	11.406	2983	2996	3014	rBV	973372	1836461	2.23%	0.626%
5	11.509	3014	3028	3046	rBV	4008745	7257412	8.83%	2.473%
6	11.615	3046	3061	3082	rBV	9547228	19272394	23.44%	6.568%
7	11.947	3143	3164	3179	rBV	3076539	6923937	8.42%	2.360%
8	12.043	3186	3194	3202	rBV	814709	1123485	1.37%	0.383%
9	12.117	3209	3217	3223	rBV3	662526	1088359	1.32%	0.371%
10	12.162	3224	3231	3247	rVB6	985786	1861037	2.26%	0.634%
11	12.249	3247	3258	3268	rBV	4395051	7284940	8.86%	2.483%
12	12.336	3280	3285	3294	rVB	903616	1298704	1.58%	0.443%
13	12.400	3294	3305	3316	rBV	936313	1716163	2.09%	0.585%
14	12.590	3348	3364	3374	rBV	7504862	12769071	15.53%	4.352%
15	12.654	3374	3384	3390	rBV	8675949	13735622	16.71%	4.681%
16	12.731	3400	3408	3419	rVB	9998533	15739361	19.14%	5.364%
17	12.889	3444	3457	3468	rBV	2909013	5548434	6.75%	1.891%
18	12.963	3472	3480	3492	rVV3	1575087	3133640	3.81%	1.068%
19	13.040	3492	3504	3517	rVB2	49731996	82213752	100.00%	28.018%
20	13.168	3530	3544	3553	rBV2	1973173	4480710	5.45%	1.527%
21	13.236	3554	3565	3573	rVV3	2096348	3648344	4.44%	1.243%
22	13.287	3574	3581	3589	rVV2	1255978	1961138	2.39%	0.668%
23	13.374	3592	3608	3621	rVB	19643952	32909372	40.03%	11.215%
24	13.442	3622	3629	3637	rVB	711908	967546	1.18%	0.330%
25	13.512	3641	3651	3653	rVV	2199790	2966949	3.61%	1.011%
26	13.541	3653	3660	3668	rVV2	6726445	11326149	13.78%	3.860%
27	13.583	3668	3673	3690	rVB4	2822828	5977938	7.27%	2.037%
28	13.670	3690	3700	3709	rBV4	1399761	2356185	2.87%	0.803%
29	13.802	3732	3741	3745	rVV	2219316	3463690	4.21%	1.180%
30	13.831	3746	3750	3759	rVV	2454319	3476197	4.23%	1.185%
31	13.889	3759	3768	3777	rVV	4187132	6324023	7.69%	2.155%
32	13.943	3777	3785	3791	rVV	1210408	1817717	2.21%	0.619%
33	13.992	3791	3800	3811	rVB3	4096491	6789993	8.26%	2.314%
34	14.127	3832	3842	3850	rBV2	1221143	2013876	2.45%	0.686%

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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	14.207	3852	3867	3873	rVV	1836929	3550364	4.32%	1.210%
36	14.246	3873	3879	3888	rVB	2022195	3078082	3.74%	1.049%
37	14.583	3972	3984	3998	rBV4	2874172	5747969	6.99%	1.959%
38	14.741	4023	4033	4044	rVB	891564	1416721	1.72%	0.483%
39	15.130	4135	4154	4167	rVB	924237	1684217	2.05%	0.574%

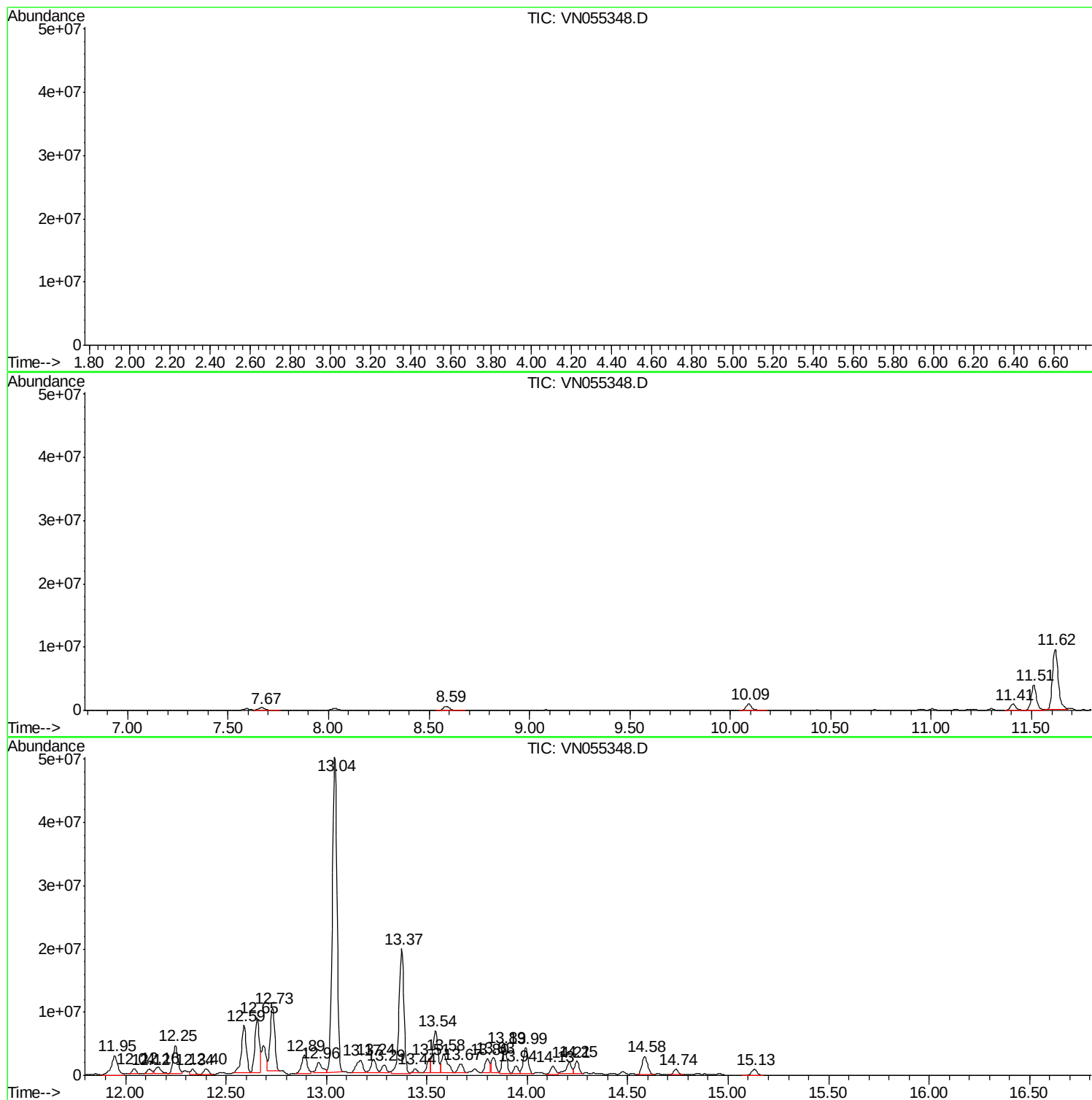
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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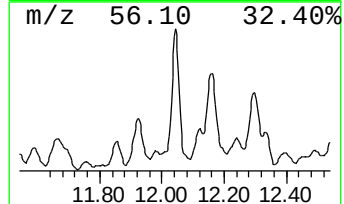
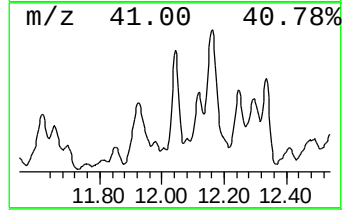
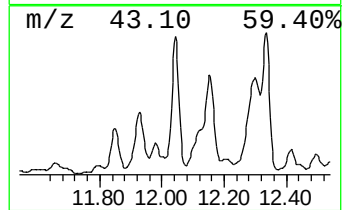
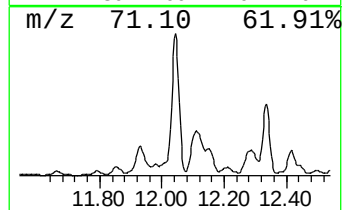
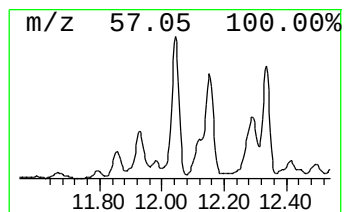
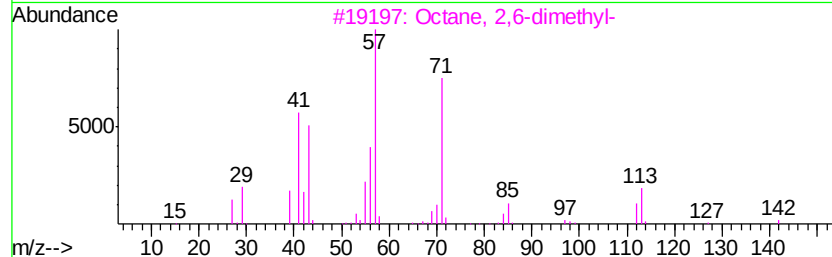
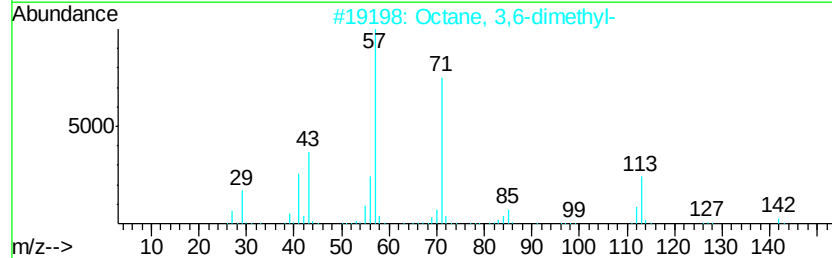
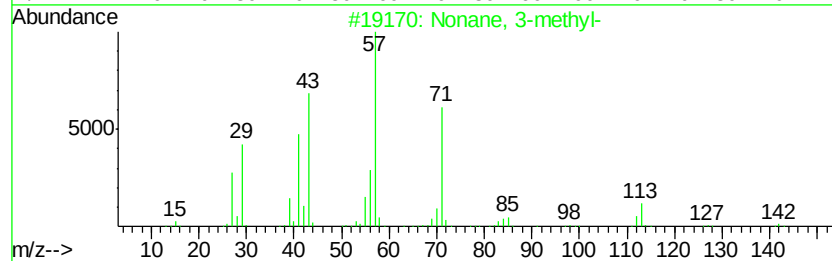
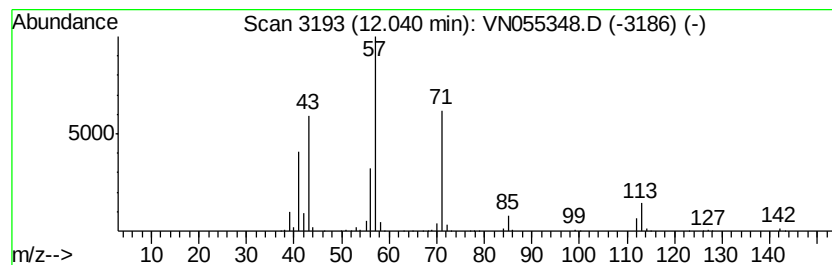
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ClientSampled :
EP1-PZ-E3-4

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Quant Title : SW846 8260

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.04	30.59 ug/l	1123490	Chlorobenzene-d5	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91	
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91	
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87	
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	59	
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53	



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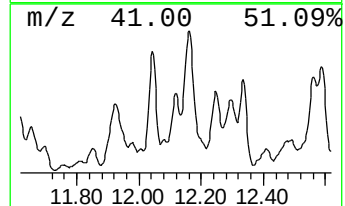
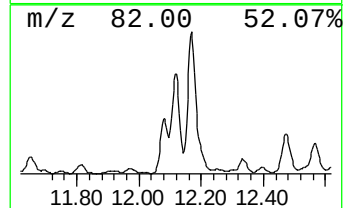
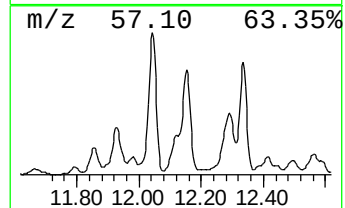
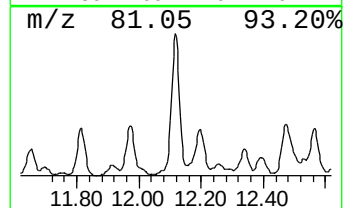
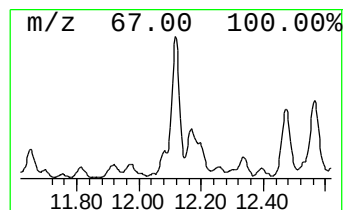
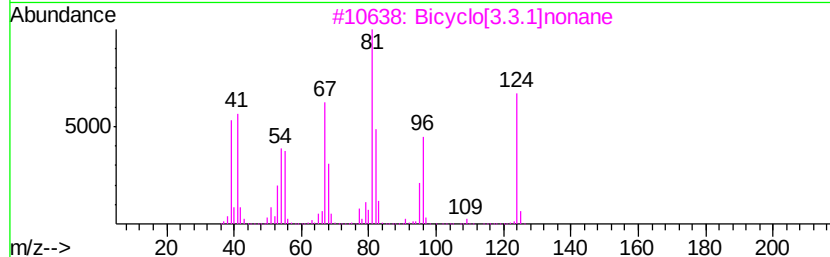
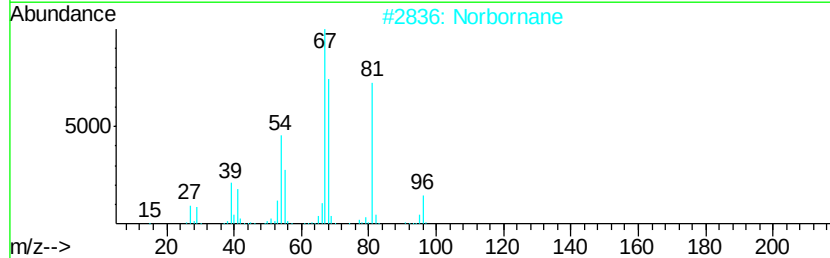
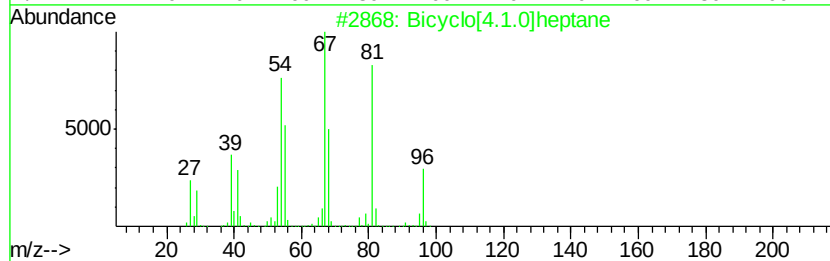
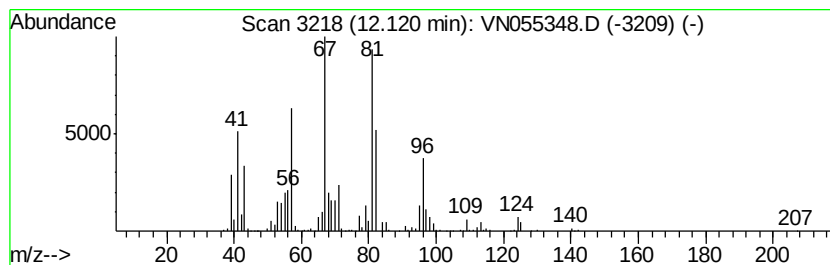
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Bicyclo[4.1.0]heptane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	29.63 ug/l	1088360	Chlorobenzene-d5	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.1.0]heptane	96 C7H12	000286-08-8 52
2		Norbornane	96 C7H12	000279-23-2 50
3		Bicyclo[3.3.1]nonane	124 C9H16	000280-65-9 49
4		1H-Indene, octahydro-, trans-	124 C9H16	003296-50-2 49
5		Cyclohexene, 4-methyl-	96 C7H12	000591-47-9 43



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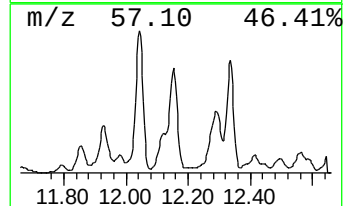
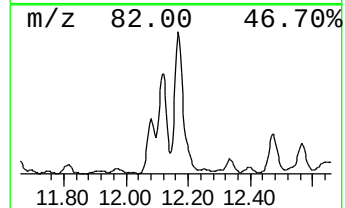
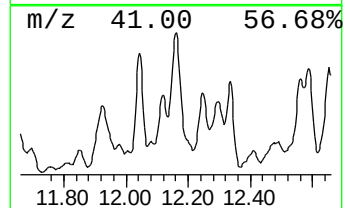
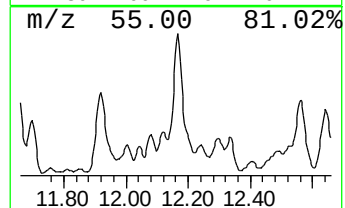
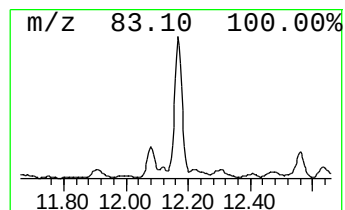
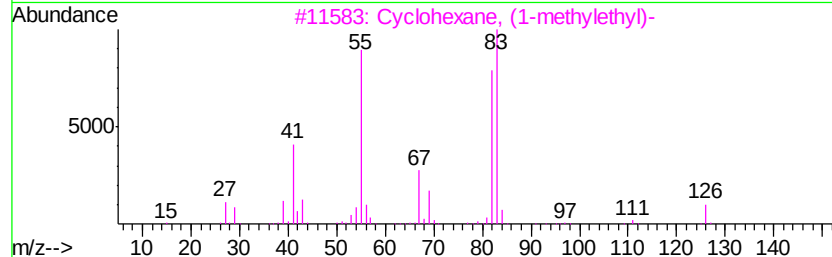
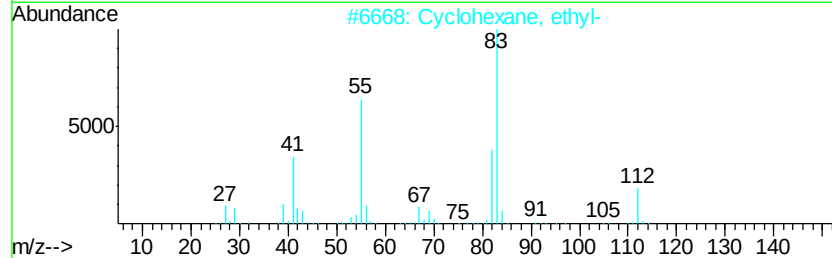
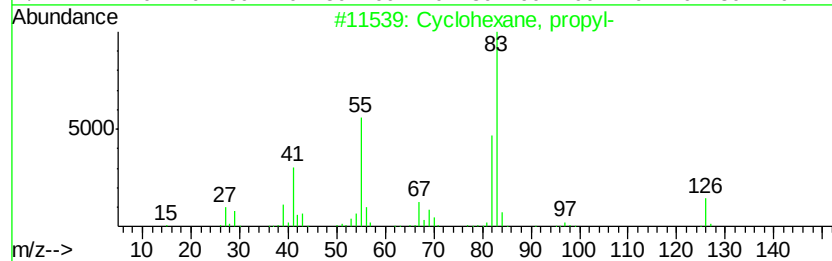
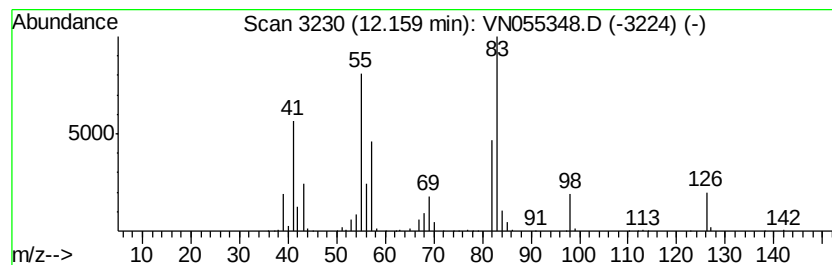
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	50.67 ug/l	1861040	Chlorobenzene-d5	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, propyl-	126 C9H18	001678-92-8 87
2		Cyclohexane, ethyl-	112 C8H16	001678-91-7 64
3		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 53
4		Cycloheptanone, 4-methyl-, (R)-	126 C8H14O	013609-59-1 52
5		Cyclohexane, octyl-	196 C14H28	001795-15-9 50



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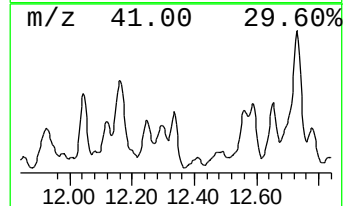
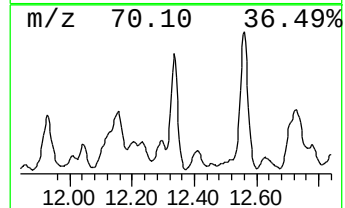
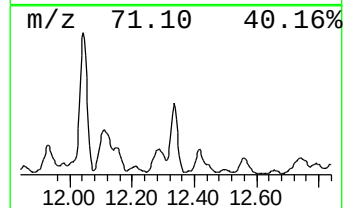
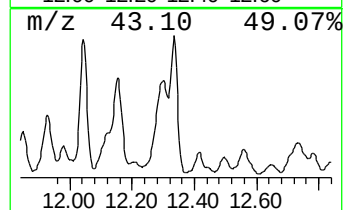
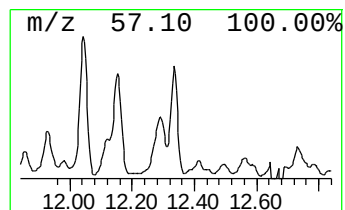
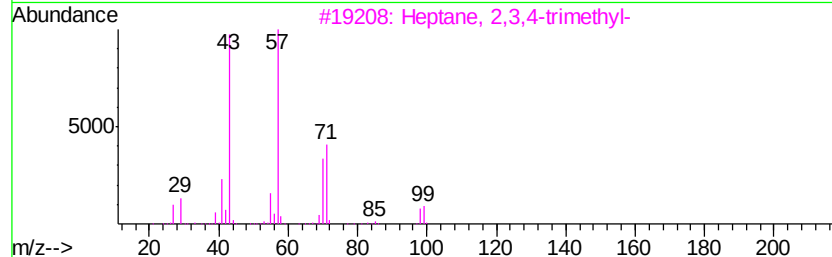
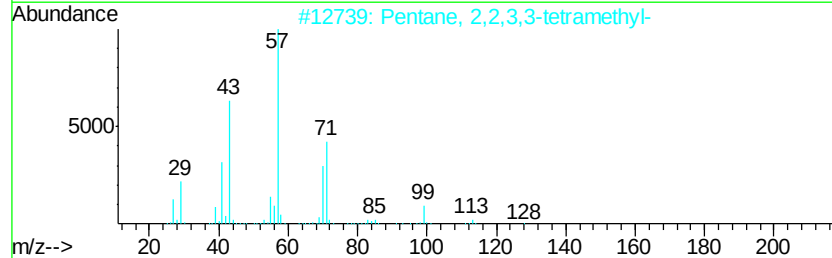
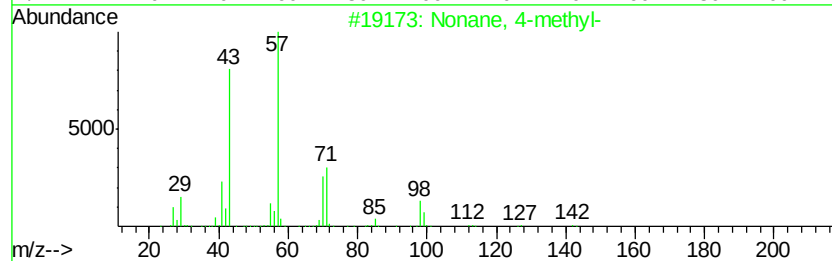
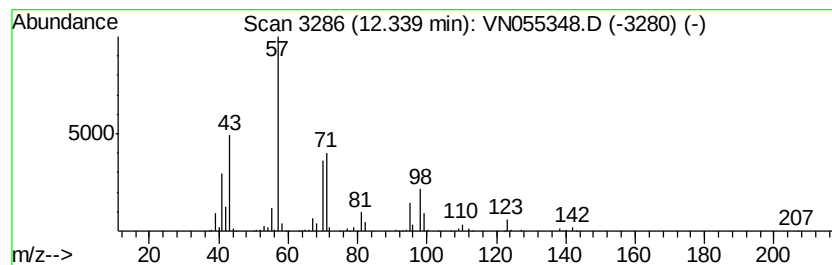
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Peak Number 4 Nonane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	35.36 ug/l	1298700	Chlorobenzene-d5	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	47



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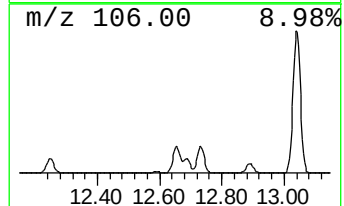
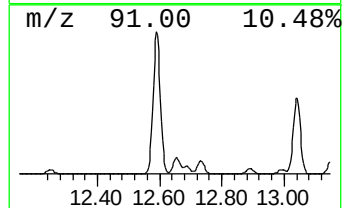
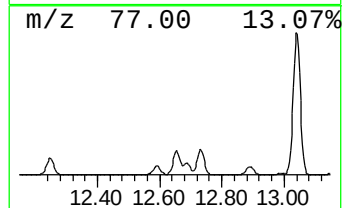
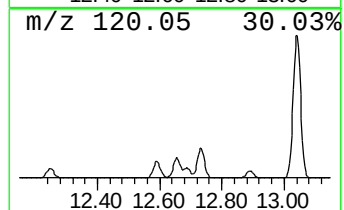
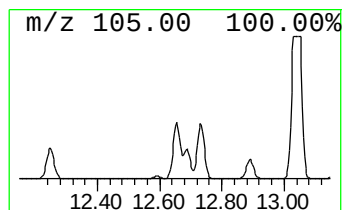
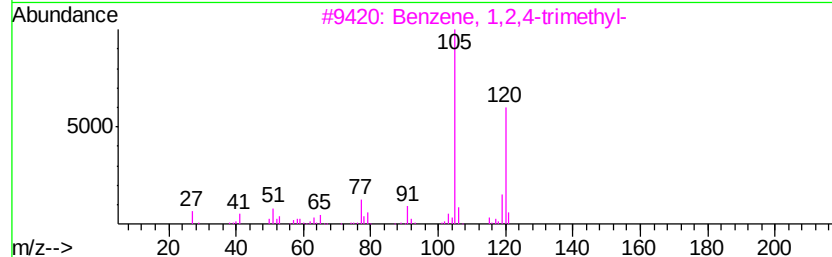
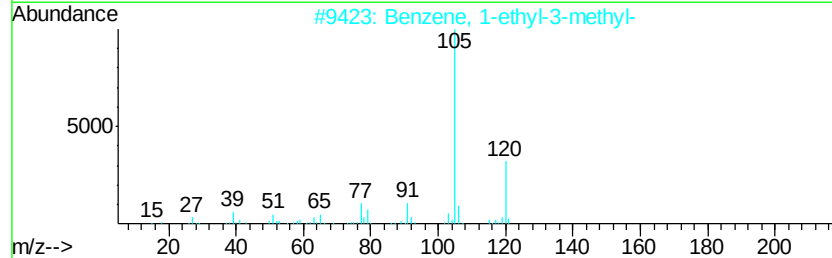
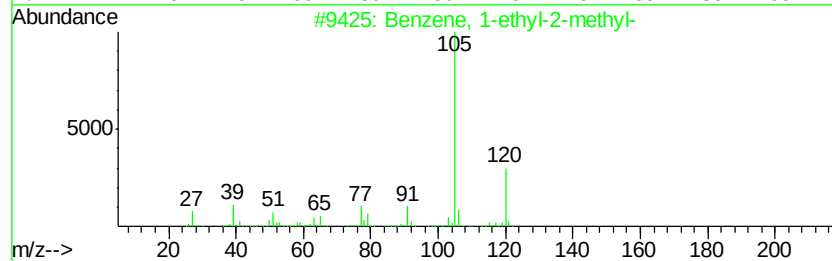
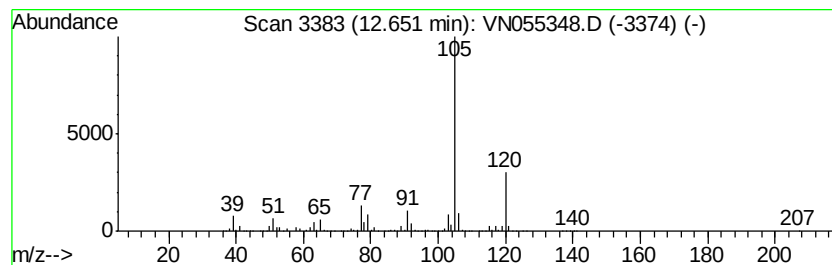
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	20.87 ug/l	13735600	1,4-Dichlorobenzene-d4	13.34

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-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055348.D
Acq On : 2 May 2019 14:14
Operator : JC/SP
Sample : K2658-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4

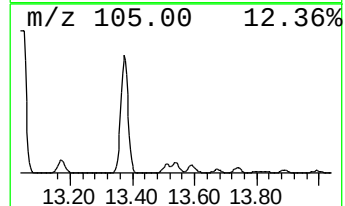
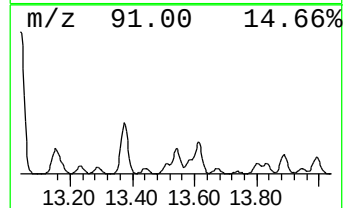
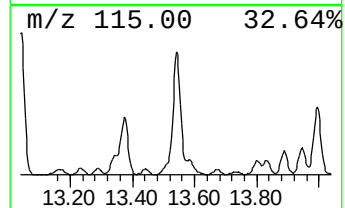
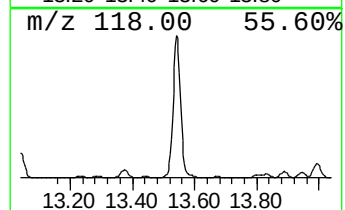
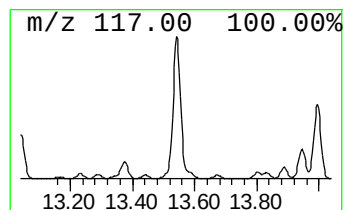
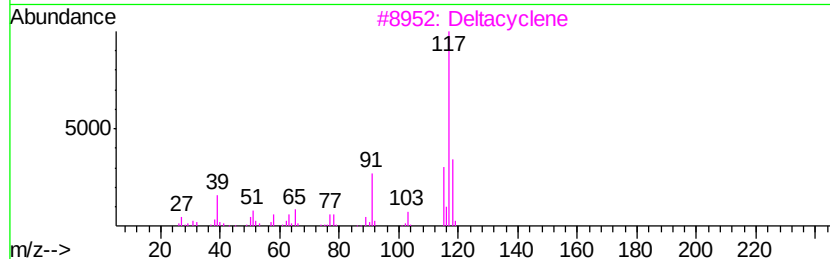
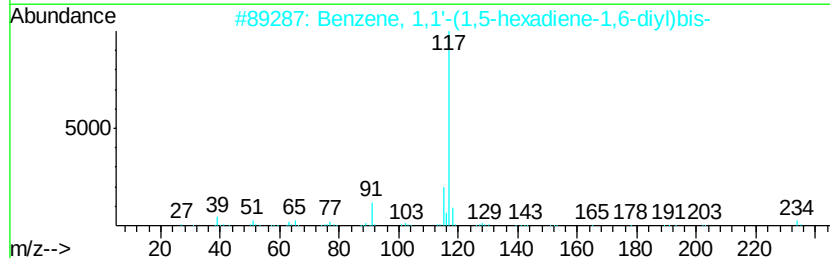
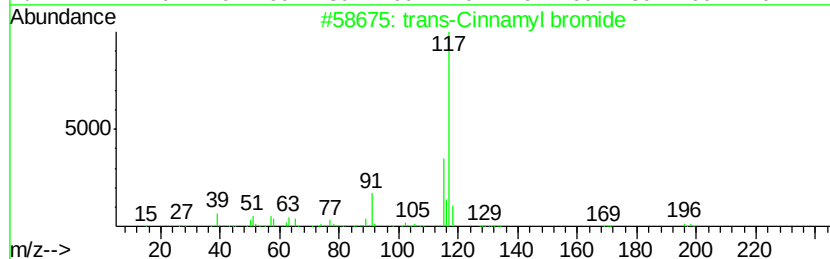
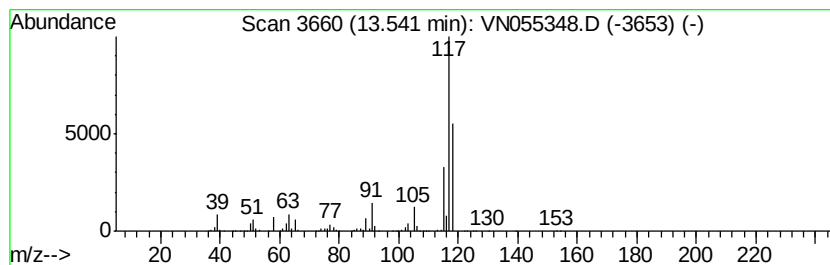
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Quant Title : SW846 8260

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

Peak Number 7 trans-Cinnamyl bromide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	17.21 ug/l	11326100	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
2		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
3		Deltacyclene	118	C9H10	007785-10-6	50
4		Indole	117	C8H7N	000120-72-9	46
5		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055348.D
Acq On : 2 May 2019 14:14
Operator : JC/SP
Sample : K2658-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

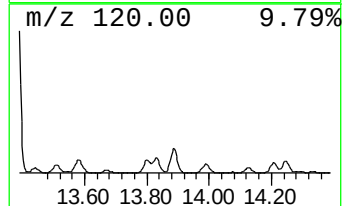
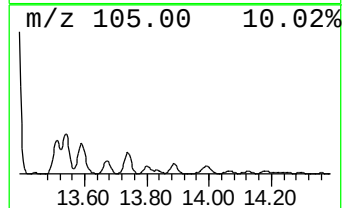
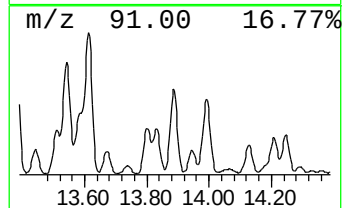
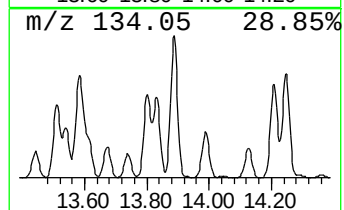
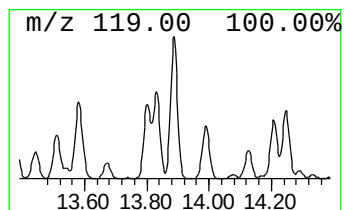
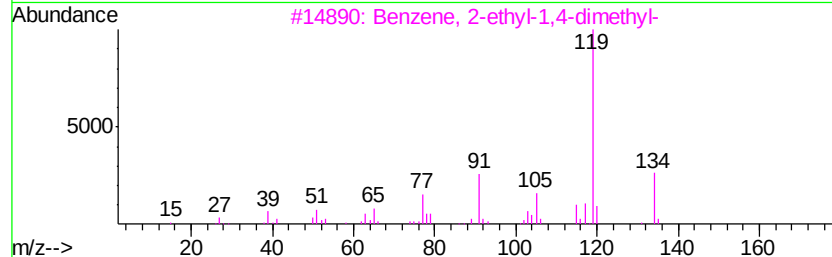
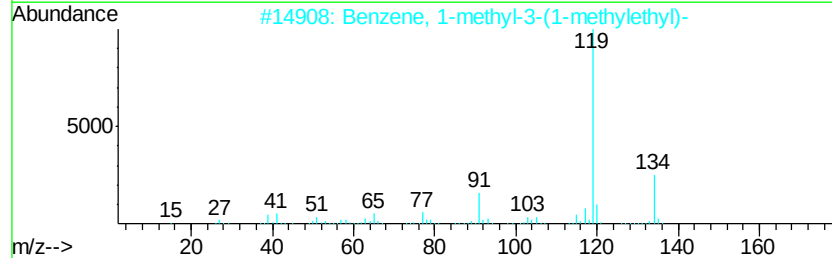
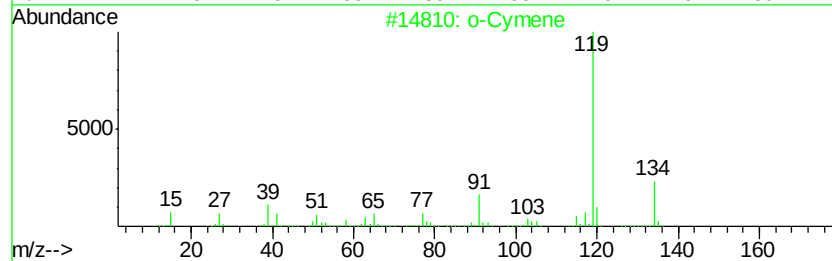
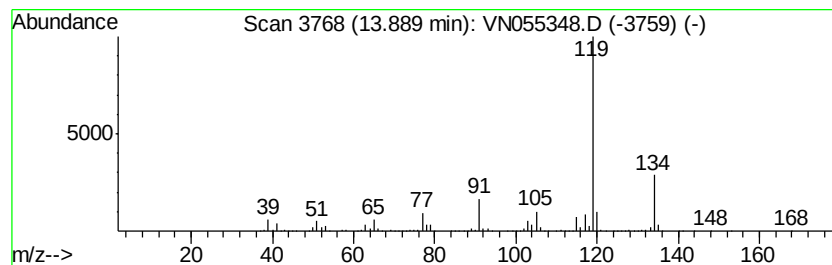
Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4

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 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.61 ug/l	6324020	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 95
2		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 95
3		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 95
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 95
5		Benzene, 2-ethyl-1,3-dimethyl-	134 C10H14	002870-04-4 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055348.D
Acq On : 2 May 2019 14:14
Operator : JC/SP
Sample : K2658-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4

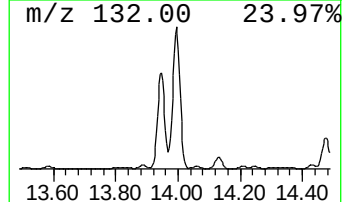
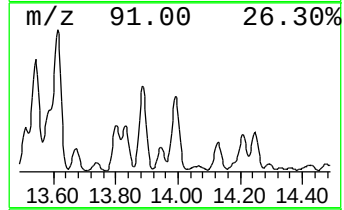
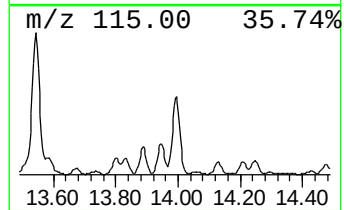
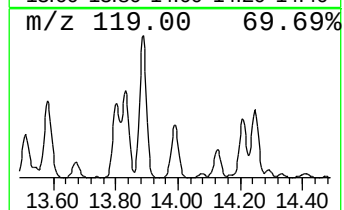
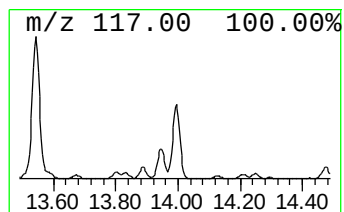
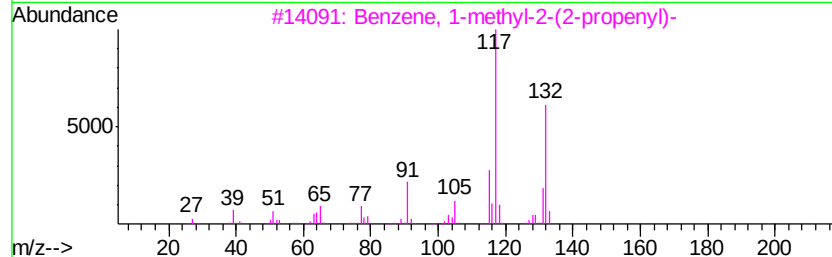
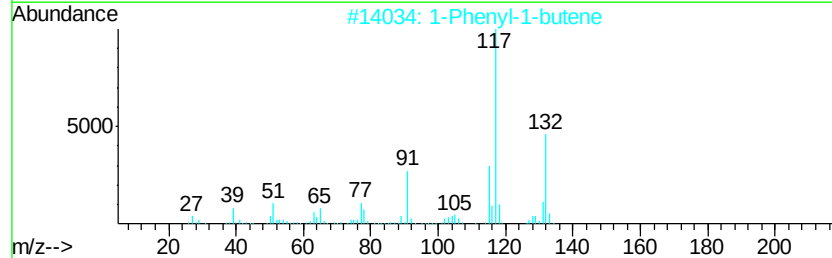
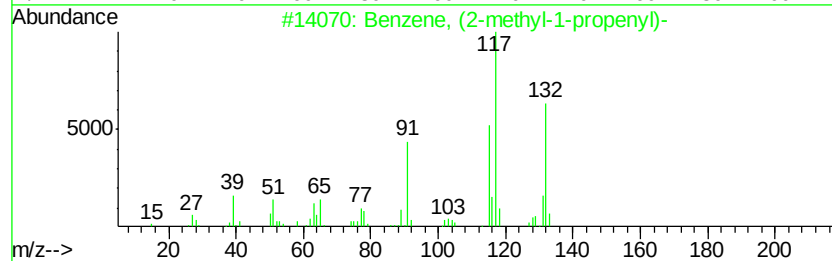
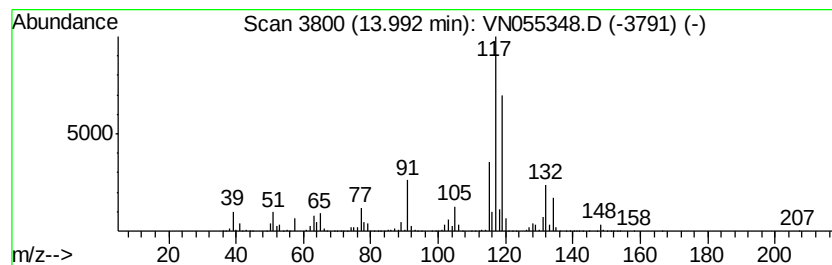
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	10.32 ug/l	6789990	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055348.D
Acq On : 2 May 2019 14:14
Operator : JC/SP
Sample : K2658-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
EP1-PZ-E3-4

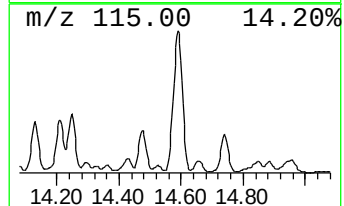
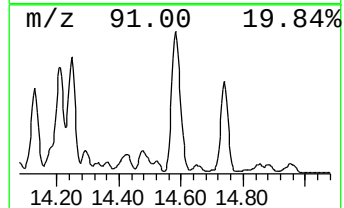
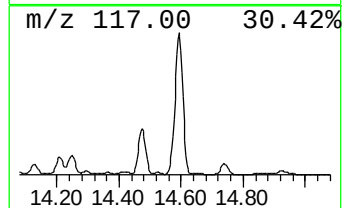
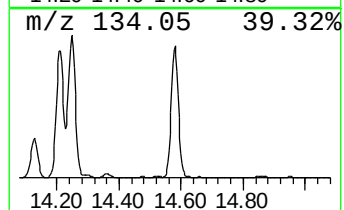
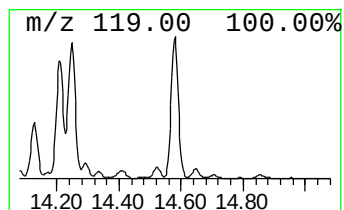
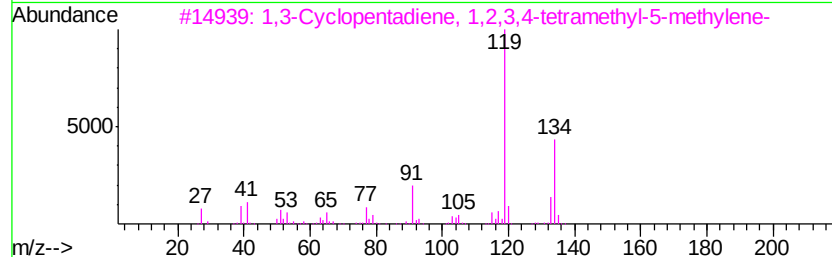
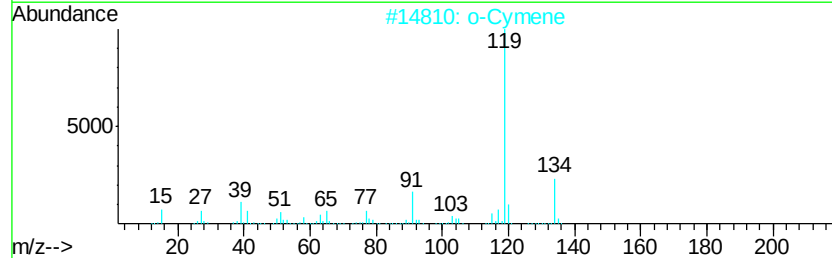
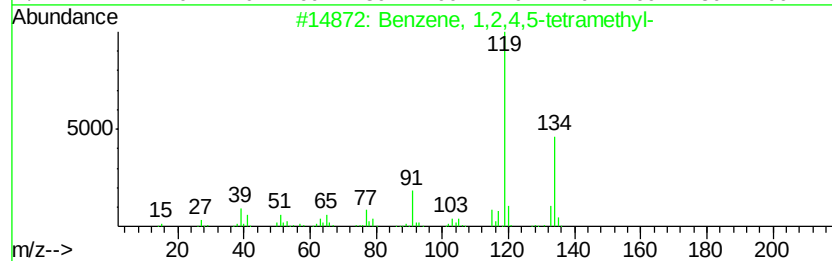
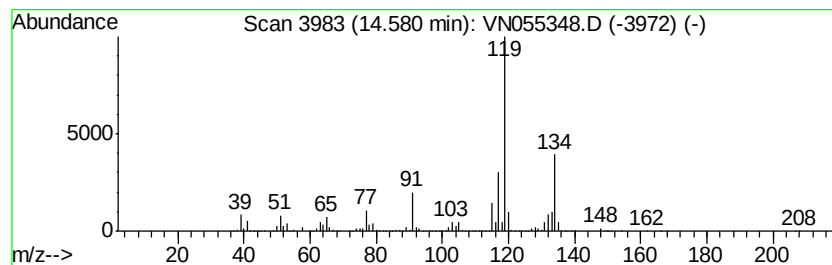
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	8.73 ug/l	5747970	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
2		o-Cymene	134	C10H14	000527-84-4	70
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
4		p-Cymene	134	C10H14	000099-87-6	70
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055348.D
Acq On : 2 May 2019 14:14
Operator : JC/SP
Sample : K2658-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-PZ-E3-4

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
Nonane, 3-methyl-	12.04	30.6	ug/l	1123490	3	11.41	1836460	50.0
Bicyclo[4.1.0]hept-	12.12	29.6	ug/l	1088360	3	11.41	1836460	50.0
Cyclohexane, propyl-	12.16	50.7	ug/l	1861040	3	11.41	1836460	50.0
Nonane, 4-methyl-	12.34	35.4	ug/l	1298700	3	11.41	1836460	50.0
Benzene, 1-ethyl-...	12.65	20.9	ug/l	13735600	4	13.34	32909400	50.0
trans-Cinnamyl br...	13.54	17.2	ug/l	11326100	4	13.34	32909400	50.0
o-Cymene	13.89	9.6	ug/l	6324020	4	13.34	32909400	50.0
Benzene, (2-methy...	13.99	10.3	ug/l	6789990	4	13.34	32909400	50.0
Benzene, 1,2,4,5-...	14.58	8.7	ug/l	5747970	4	13.34	32909400	50.0