

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
 Data File : VN055720.D
 Acq On : 21 May 2019 19:31
 Operator : JC/SP
 Sample : K2977-07 50X
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-FD-02

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\82N051719W.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	2.468	201	216	231	rVB	12954	45141	1.09%	0.106%
2	7.590	1791	1809	1820	rBV2	241910	596671	14.38%	1.402%
3	7.667	1820	1833	1856	rVB	441285	1072701	25.84%	2.521%
4	8.027	1927	1945	1972	rBV	220093	520505	12.54%	1.223%
5	8.214	1980	2003	2037	rBV3	25807	140134	3.38%	0.329%
6	8.583	2102	2118	2163	rVB	597115	1284711	30.95%	3.019%
7	10.091	2572	2587	2616	rBV	909686	1772244	42.70%	4.164%
8	10.718	2771	2782	2794	rVB	28487	48320	1.16%	0.114%
9	10.821	2798	2814	2827	rBV	23942	54381	1.31%	0.128%
10	10.950	2846	2854	2862	rBV2	36577	54750	1.32%	0.129%
11	11.005	2862	2871	2881	rVB	76112	130713	3.15%	0.307%
12	11.124	2896	2908	2916	rBV3	66895	123374	2.97%	0.290%
13	11.201	2916	2932	2950	rVB6	111717	346073	8.34%	0.813%
14	11.300	2950	2963	2982	rBV	128236	251425	6.06%	0.591%
15	11.406	2982	2996	3014	rBV	825546	1499940	36.14%	3.525%
16	11.542	3030	3038	3044	rBV	67463	103198	2.49%	0.242%
17	11.596	3045	3055	3063	rBV6	102950	202224	4.87%	0.475%
18	11.654	3063	3073	3080	rBV	366467	635760	15.32%	1.494%
19	11.696	3081	3086	3097	rVB2	246919	392959	9.47%	0.923%
20	11.757	3097	3105	3111	rBV4	58763	107546	2.59%	0.253%
21	11.812	3113	3122	3126	rBV3	34541	64047	1.54%	0.150%
22	11.850	3126	3134	3142	rVB3	191465	299155	7.21%	0.703%
23	11.924	3143	3157	3168	rBV5	631495	1485965	35.80%	3.492%
24	11.979	3170	3174	3179	rBV2	74558	69786	1.68%	0.164%
25	12.043	3186	3194	3202	rVB	804790	1097760	26.45%	2.580%
26	12.117	3209	3217	3223	rBV3	489376	834846	20.11%	1.962%
27	12.162	3223	3231	3249	rVB4	983218	1969225	47.44%	4.627%
28	12.294	3267	3272	3279	rBV6	244217	374096	9.01%	0.879%
29	12.336	3280	3285	3295	rVB2	849951	1246276	30.03%	2.928%
30	12.403	3295	3306	3316	rBV2	871531	1557138	37.51%	3.659%
31	12.487	3317	3332	3339	rBV7	234500	638024	15.37%	1.499%
32	12.561	3348	3355	3371	rVB3	728726	1685486	40.61%	3.961%
33	12.644	3371	3381	3389	rBV7	340688	728972	17.56%	1.713%
34	12.725	3394	3406	3416	rVV4	1029525	2743933	66.11%	6.448%

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35	12.779	3417	3423	3433	rVB4	552233	898783	21.65%	2.112%
36	12.869	3444	3451	3457	rBV6	314841	429387	10.34%	1.009%
37	12.924	3459	3468	3472	rVV4	271078	484219	11.67%	1.138%
38	12.959	3472	3479	3492	rVB2	1318128	2170699	52.30%	5.101%
39	13.037	3493	3503	3513	rBV	2539667	4150740	100.00%	9.753%
40	13.088	3515	3519	3529	rVB2	201623	271240	6.53%	0.637%
41	13.165	3532	3543	3551	rVB6	372724	851268	20.51%	2.000%
42	13.239	3552	3566	3573	rBV3	780704	1509204	36.36%	3.546%
43	13.342	3591	3598	3624	rVB	781930	1433124	34.53%	3.368%
44	13.513	3646	3651	3668	rVB2	274763	547254	13.18%	1.286%
45	13.593	3668	3676	3688	rBV3	277208	679835	16.38%	1.597%
46	13.660	3689	3697	3707	rVV4	599270	1038424	25.02%	2.440%
47	13.802	3735	3741	3745	rBV	195058	278081	6.70%	0.653%
48	13.831	3746	3750	3759	rVB2	379620	502399	12.10%	1.181%
49	13.885	3760	3767	3776	rVB	503339	782534	18.85%	1.839%
50	13.934	3778	3782	3790	rVB2	89322	126176	3.04%	0.296%
51	13.992	3791	3800	3809	rVB5	246060	411366	9.91%	0.967%
52	14.178	3848	3858	3863	rBV4	179642	366449	8.83%	0.861%
53	14.246	3873	3879	3888	rVB	287689	417329	10.05%	0.981%
54	14.294	3888	3894	3899	rBV4	71584	91022	2.19%	0.214%
55	14.329	3900	3905	3912	rVB3	81795	102882	2.48%	0.242%
56	14.477	3944	3951	3959	rBV5	33093	66604	1.60%	0.157%
57	14.522	3961	3965	3973	rVB2	48349	62477	1.51%	0.147%
58	14.580	3973	3983	3995	rBV2	283453	526449	12.68%	1.237%
59	14.644	3996	4003	4014	rVB4	62942	107763	2.60%	0.253%
60	14.950	4092	4098	4110	rVB5	37777	73897	1.78%	0.174%

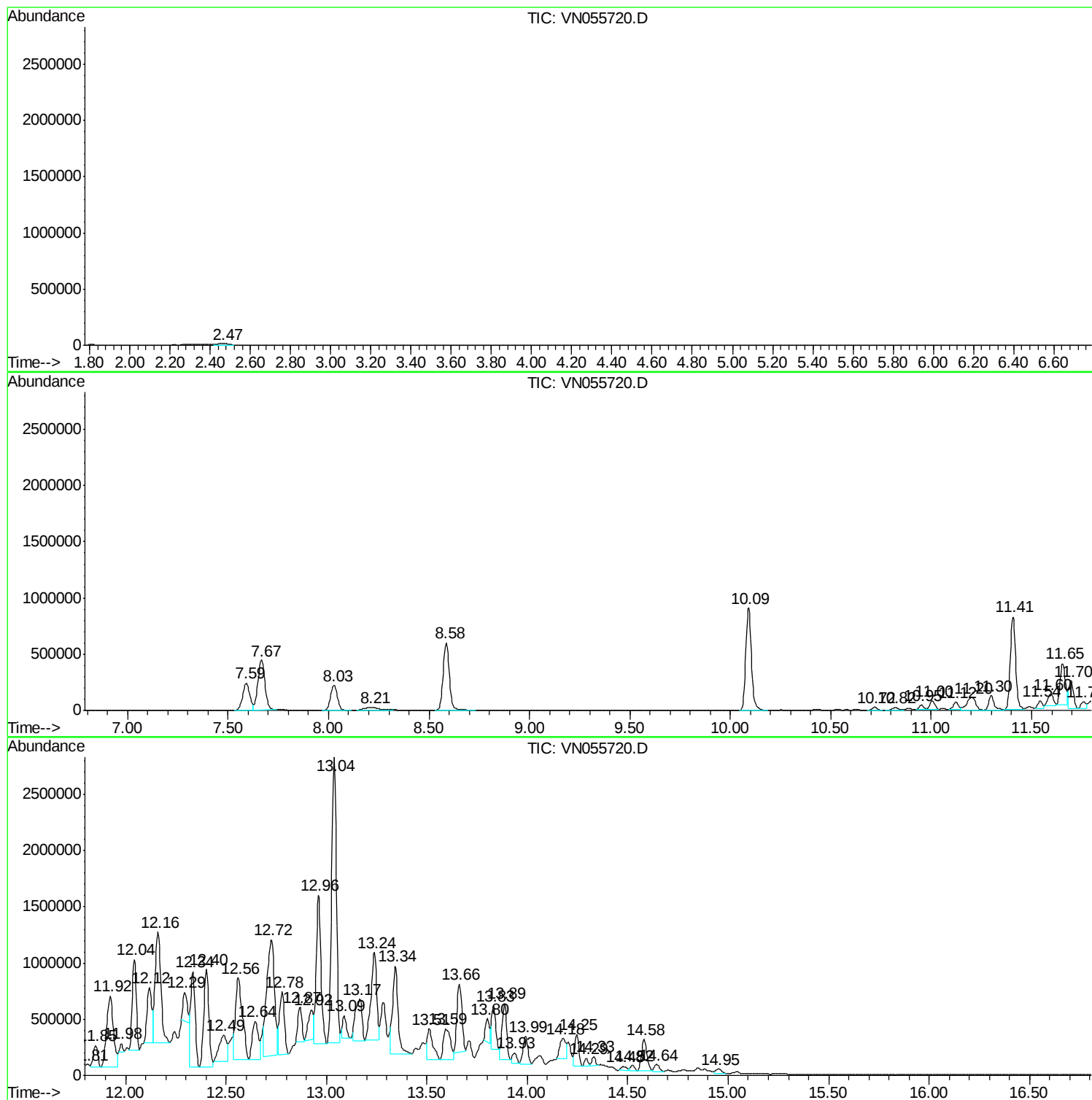
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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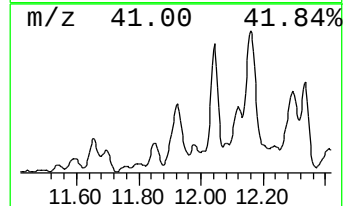
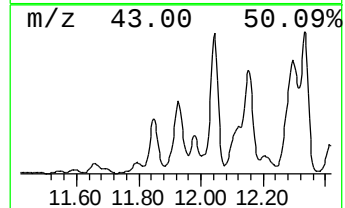
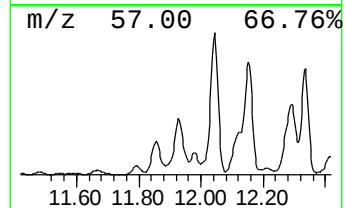
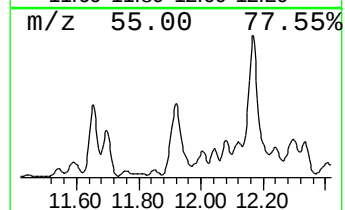
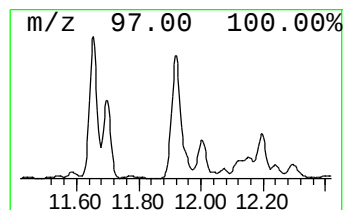
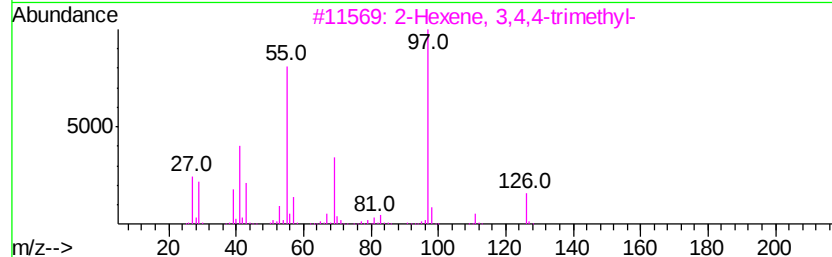
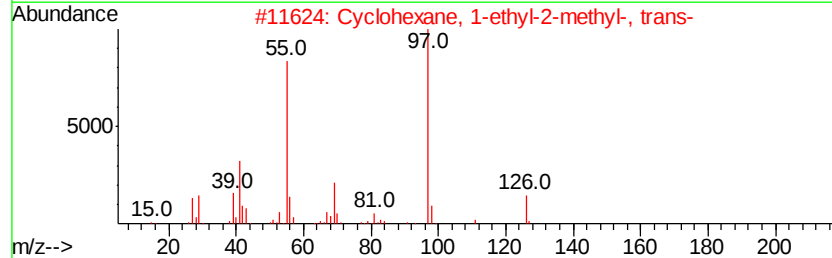
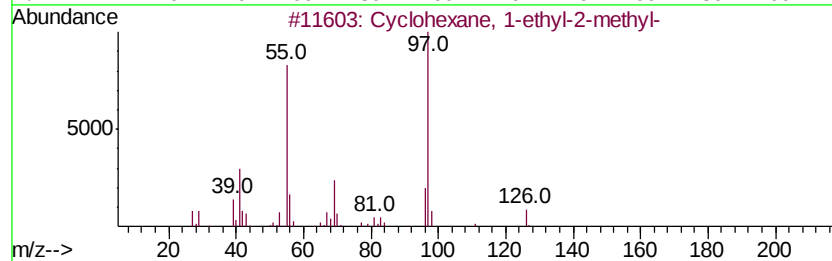
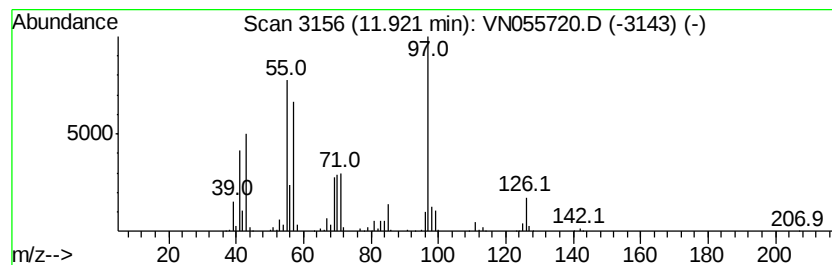
Instrument :
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ClientSampleId :
EP1-SB-FD-02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 1 unknown11.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	49.53 ug/l	1485970	Chlorobenzene-d5	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	46
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43



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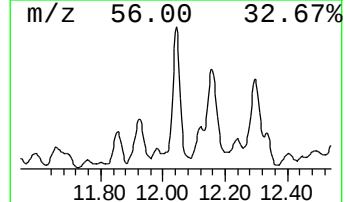
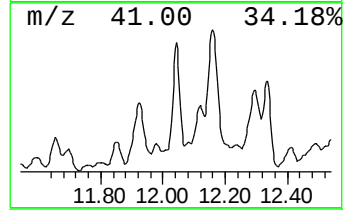
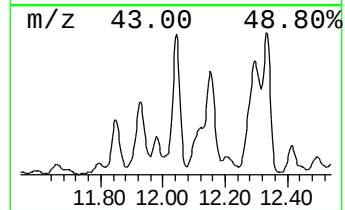
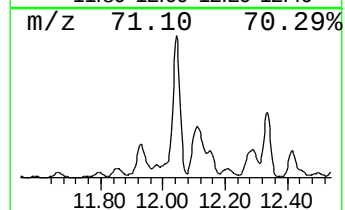
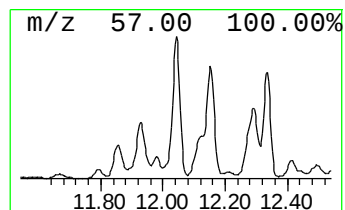
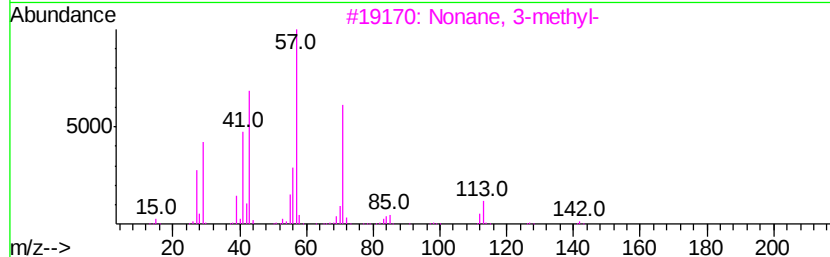
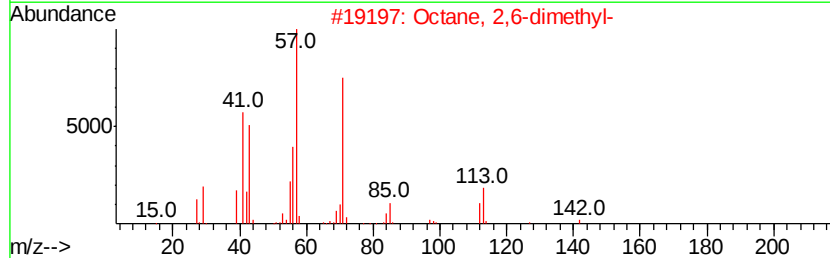
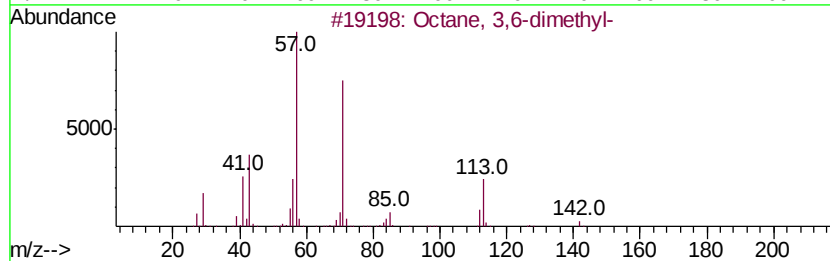
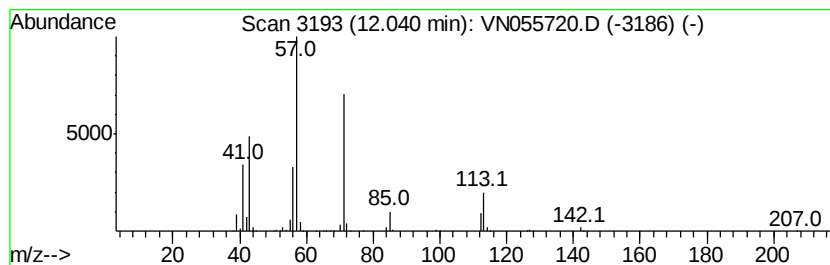
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	36.59 ug/l	1097760	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



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ALS Vial : 26 Sample Multiplier: 1

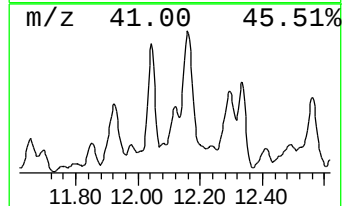
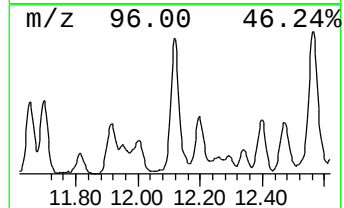
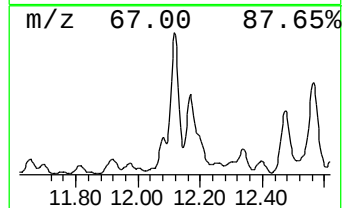
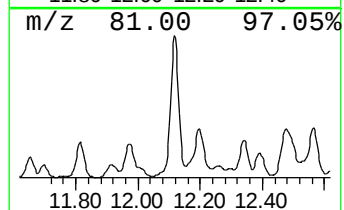
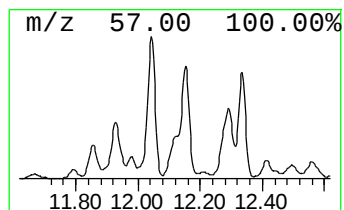
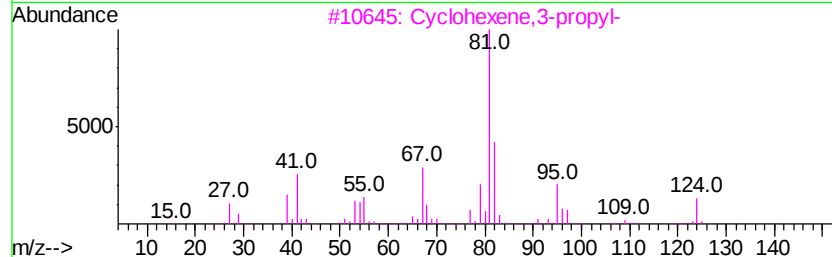
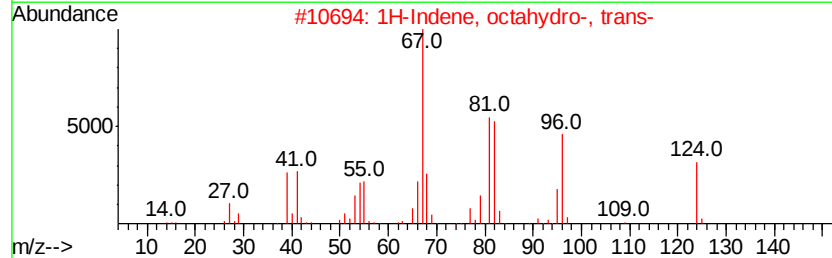
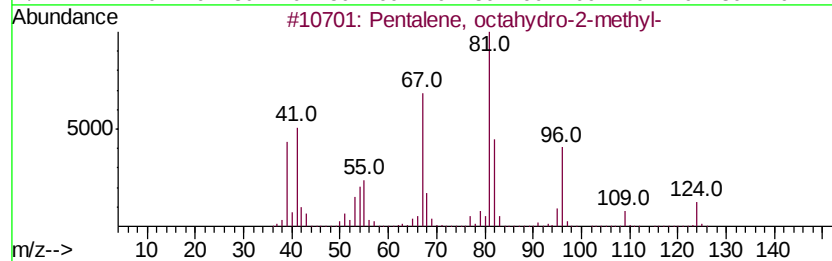
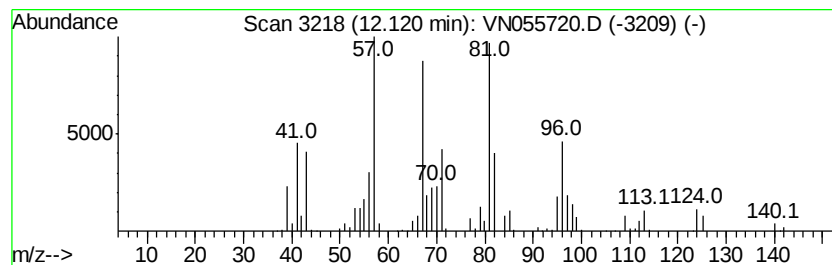
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Peak Number 3 Pentalene, octahydro-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	27.83 ug/l	834846	Chlorobenzene-d5	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentalene, octahydro-2-methyl-	124 C9H16	003868-64-2 60
2		1H-Indene, octahydro-, trans-	124 C9H16	003296-50-2 46
3		Cyclohexene, 3-propyl-	124 C9H16	003983-06-0 43
4		Cyclohexene, 1-methyl-	96 C7H12	000591-49-1 38
5		3-Octyne, 2-methyl-	124 C9H16	055402-15-8 30



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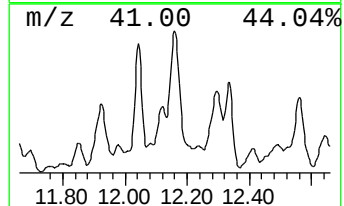
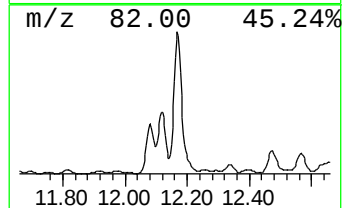
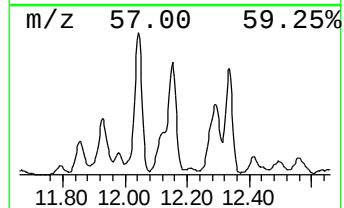
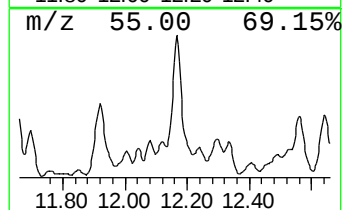
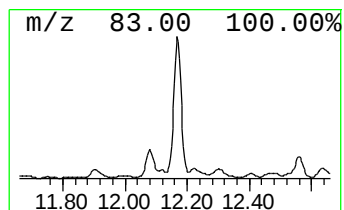
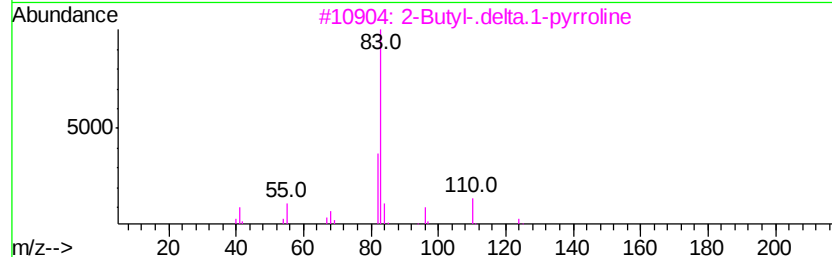
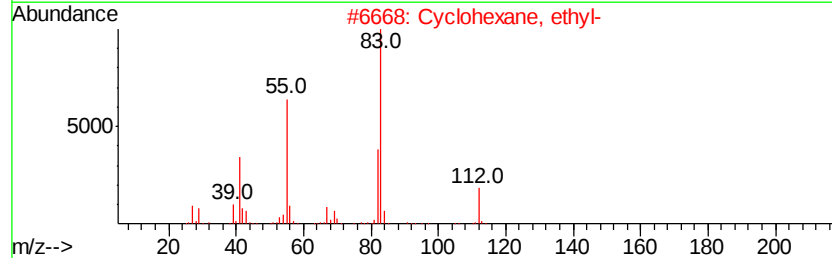
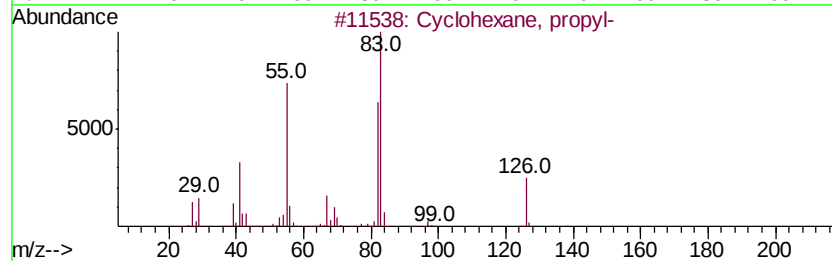
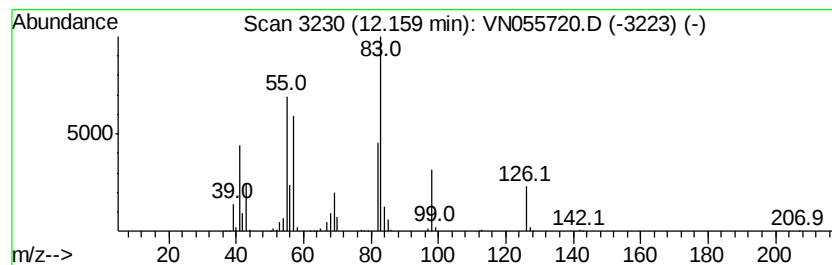
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Peak Number 4 Cyclohexane, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	65.64 ug/l	1969230	Chlorobenzene-d5	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3		2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	53
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	50



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Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

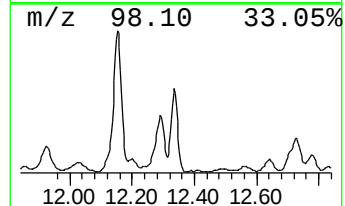
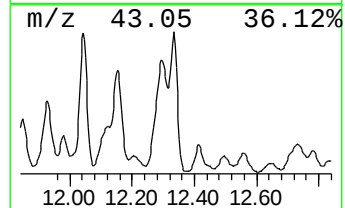
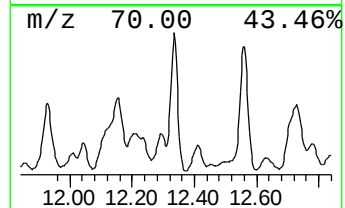
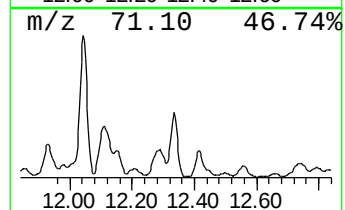
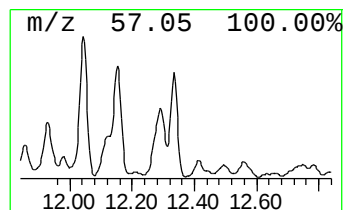
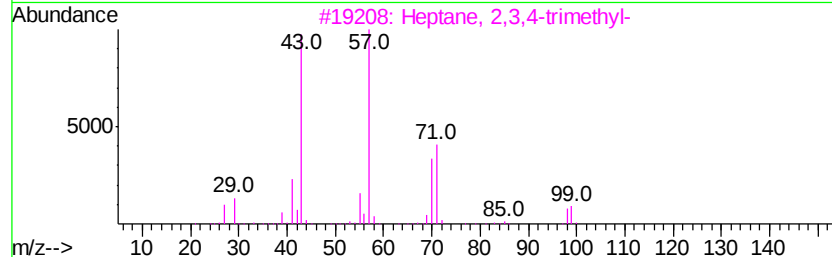
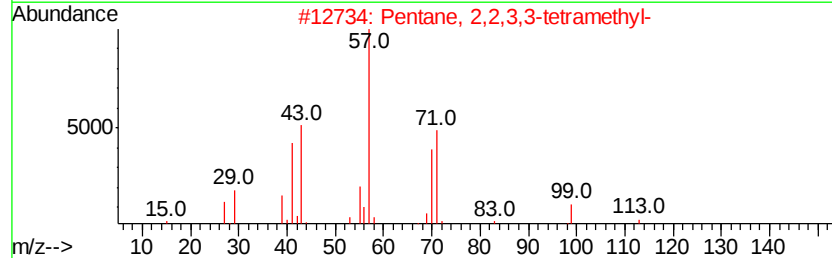
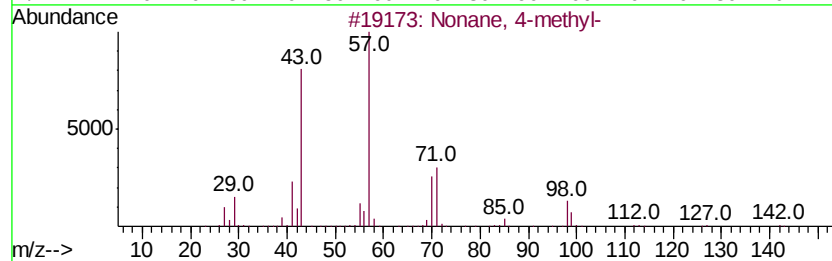
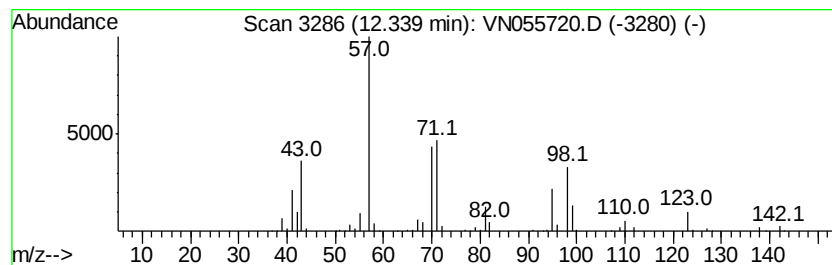
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 5 Nonane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	41.54 ug/l	1246280	Chlorobenzene-d5	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
Data File : VN055720.D
Acq On : 21 May 2019 19:31
Operator : JC/SP
Sample : K2977-07 50X
Misc : 6.04µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

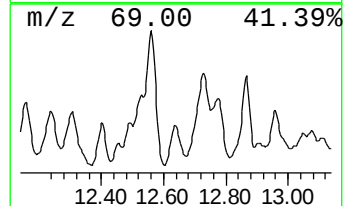
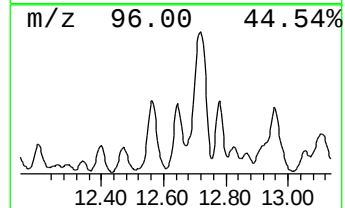
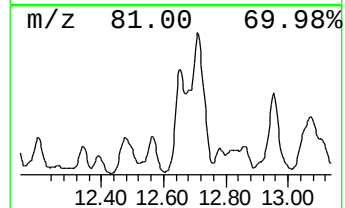
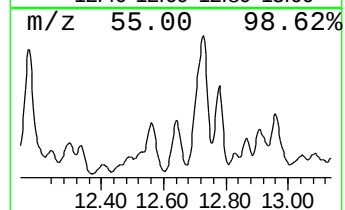
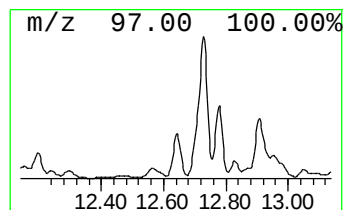
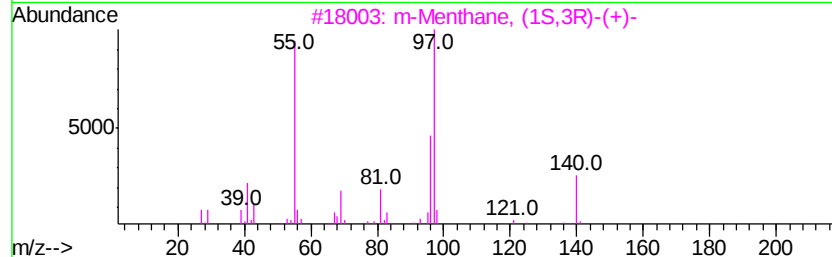
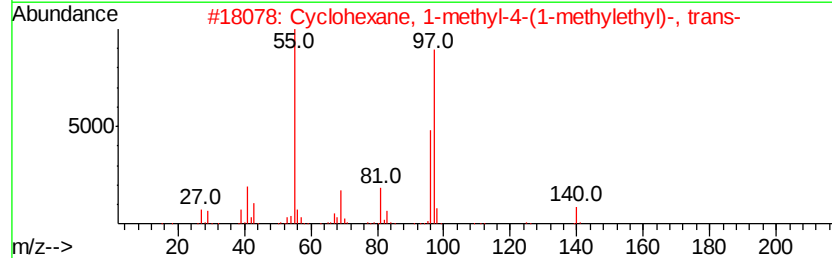
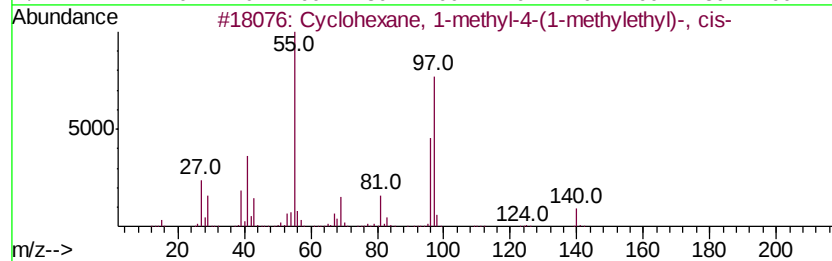
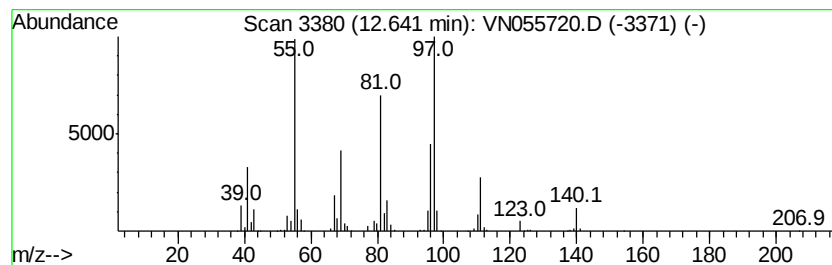
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 6 unknown12.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.64	25.43 ug/l	728972	1,4-Dichlorobenzene-d4	13.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 1-methyl-4-(1-methv...	140	C10H20	006069-98-3	49
2	Cvclohexane, 1-methyl-4-(1-methv...	140	C10H20	001678-82-6	49
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	49
4	Cvclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	43
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055720.D
Acq On : 21 May 2019 19:31
Operator : JC/SP
Sample : K2977-07 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

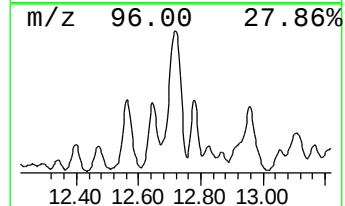
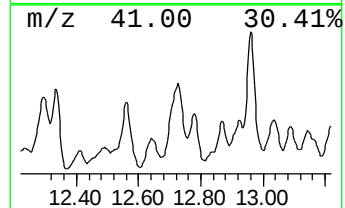
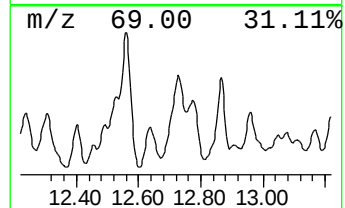
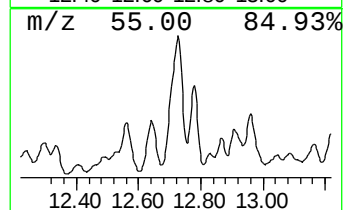
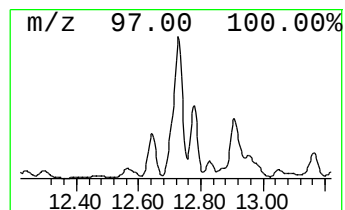
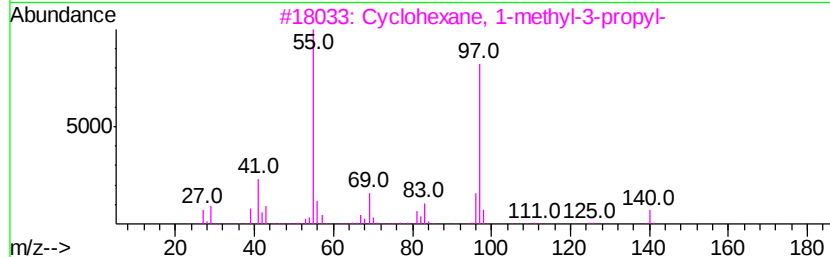
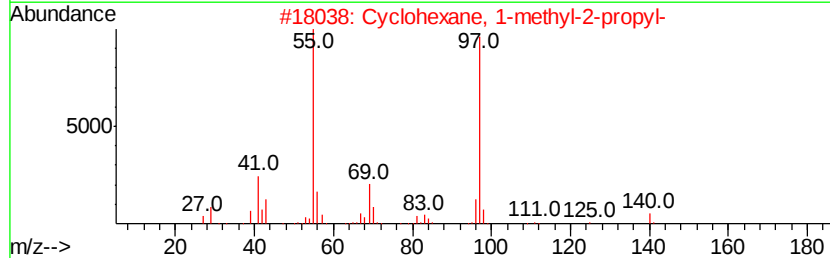
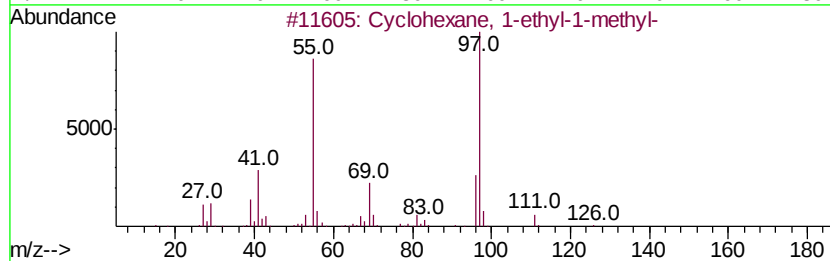
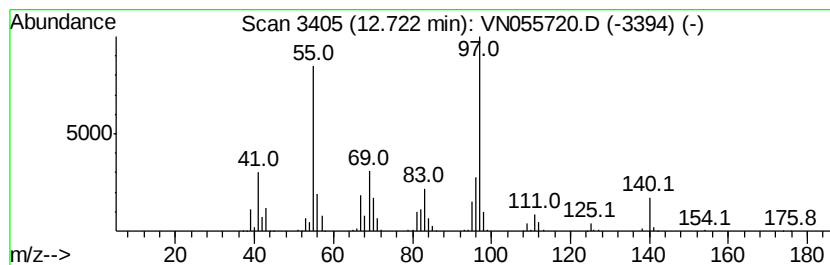
Instrument :
MSVOA_N
ClientSampled :
EP1-SB-FD-02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	95.73 ug/l	2743930	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3 72
2		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 64
3		Cyclohexane, 1-methyl-3-propyl-	140 C10H20	004291-80-9 64
4		Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7 64
5		2,2,3,3-Tetramethylcyclopropanec...	238 C15H26O2	1000221-97-5 59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
Data File : VN055720.D
Acq On : 21 May 2019 19:31
Operator : JC/SP
Sample : K2977-07 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

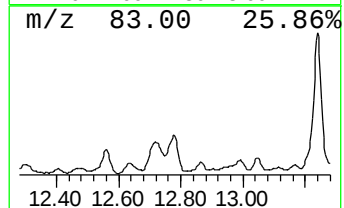
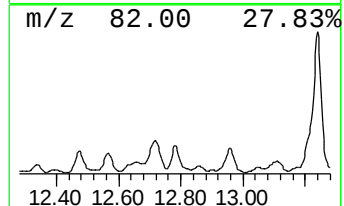
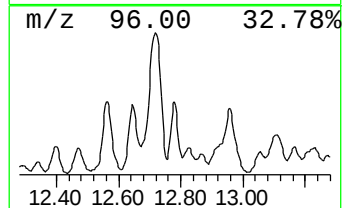
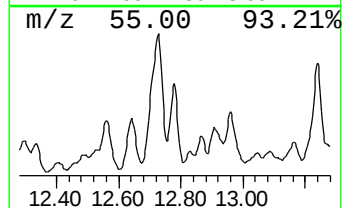
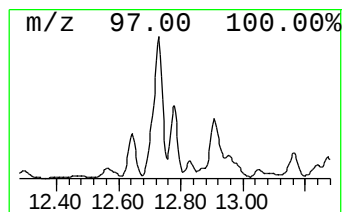
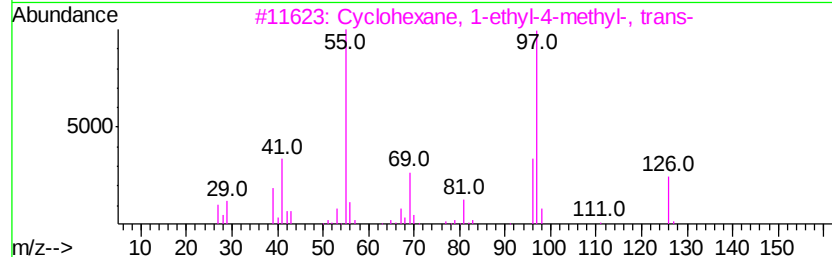
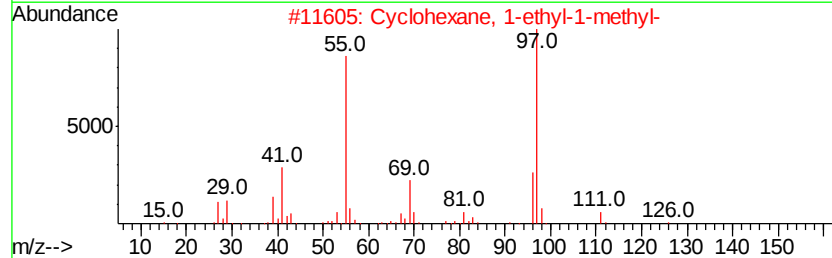
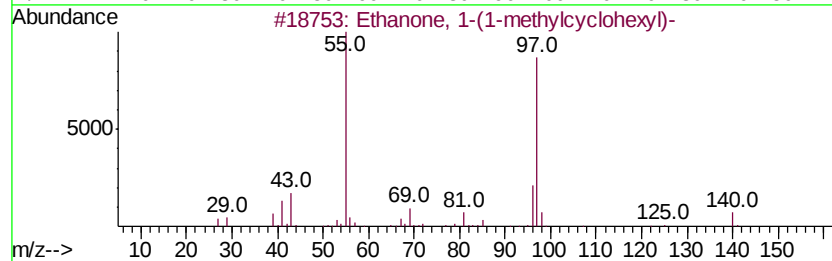
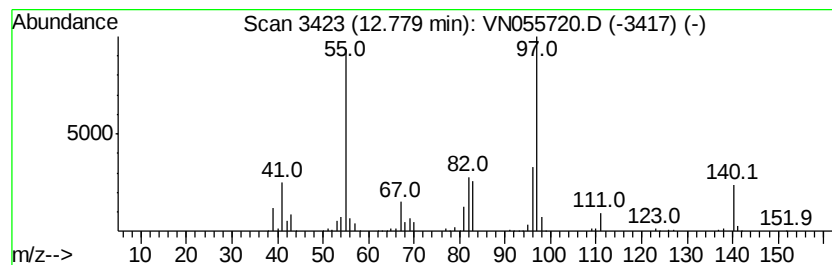
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 8 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	31.36 ug/l	898783	1,4-Dichlorobenzene-d4	13.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	49
5	trans-2-Oxabicyclo[4.4.0]decane	140	C9H16O	059958-46-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055720.D
Acq On : 21 May 2019 19:31
Operator : JC/SP
Sample : K2977-07 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

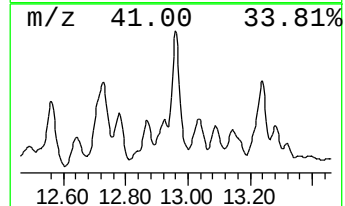
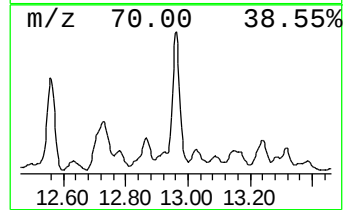
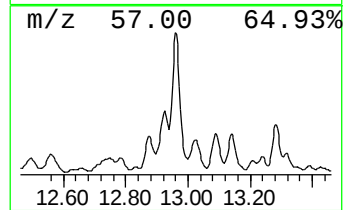
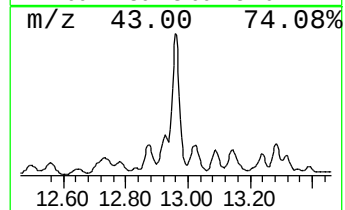
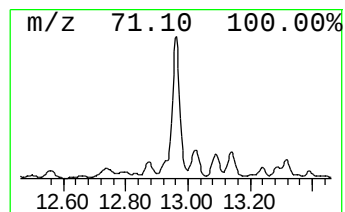
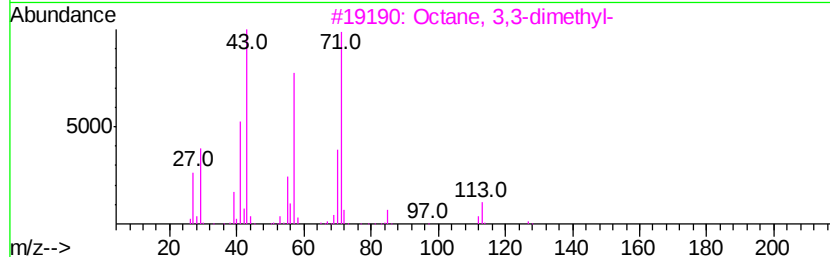
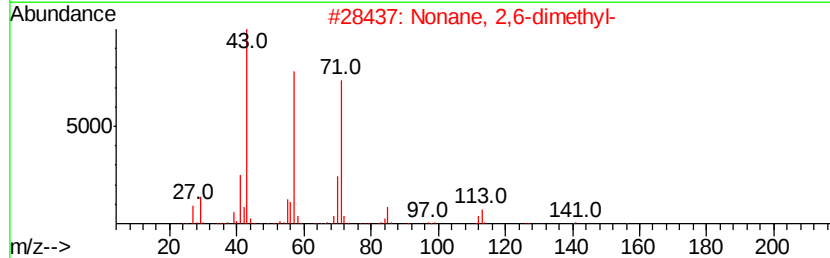
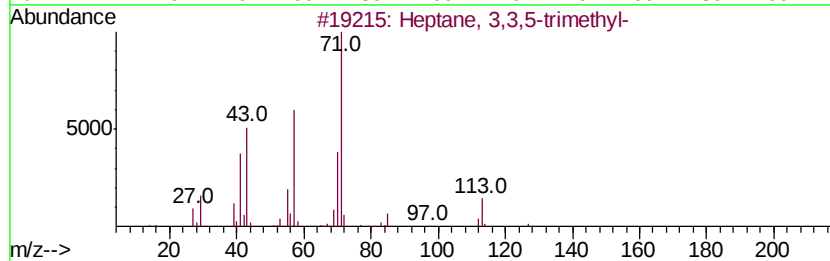
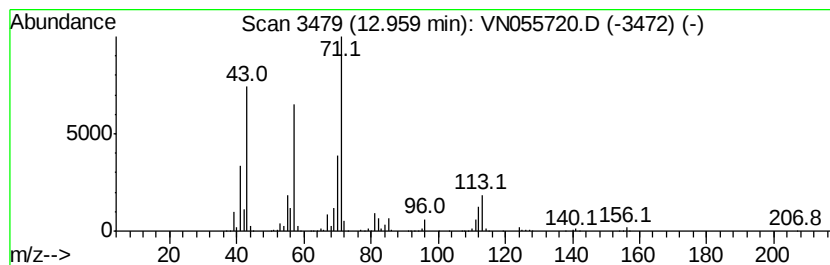
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 9 Heptane, 3,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	75.73 ug/l	2170700	1,4-Dichlorobenzene-d4	13.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5 80
2		Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2 80
3		Octane, 3,3-dimethyl-	142 C10H22	004110-44-5 64
4		2,2'-Bifuran, octahydro-	142 C8H14O2	001592-33-2 59
5		n-Amyl ether	158 C10H22O	000693-65-2 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055720.D
Acq On : 21 May 2019 19:31
Operator : JC/SP
Sample : K2977-07 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

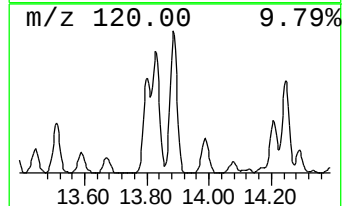
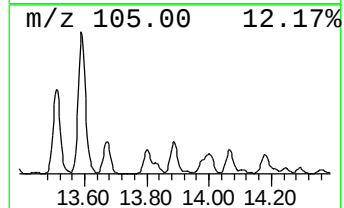
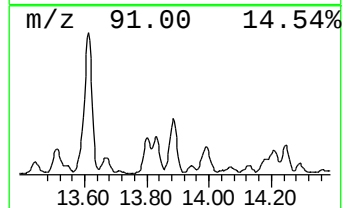
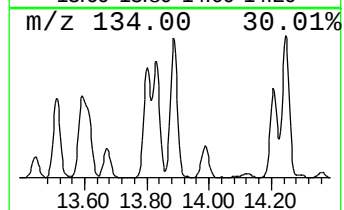
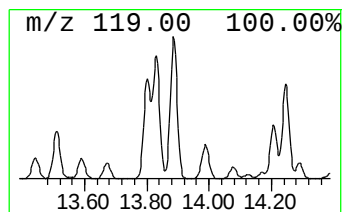
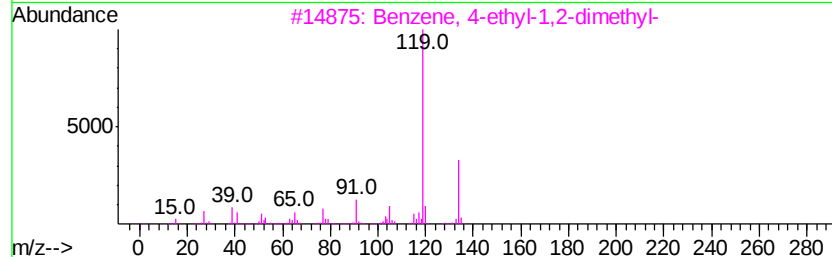
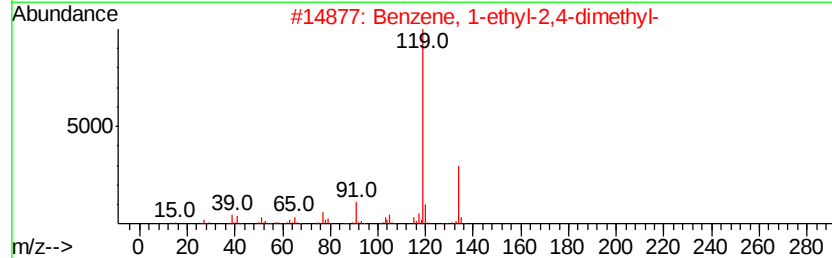
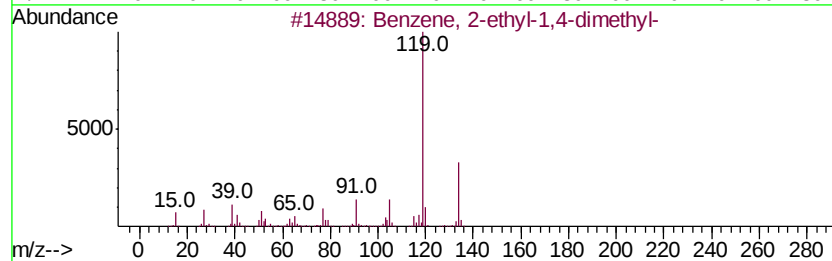
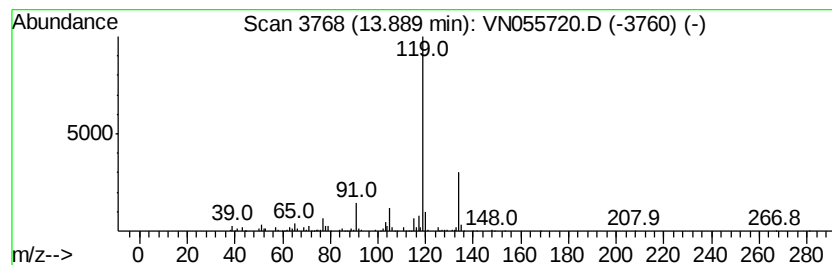
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	27.30 ug/l	782534	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
Data File : VN055720.D
Acq On : 21 May 2019 19:31
Operator : JC/SP
Sample : K2977-07 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-FD-02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.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
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Octane, 3,6-dimet...	12.04	36.6	ug/l	1097760	3	11.41	1499940	50.0
Pentalene, octahy...	12.12	27.8	ug/l	834846	3	11.41	1499940	50.0
Cyclohexane, propyl-	12.16	65.6	ug/l	1969230	3	11.41	1499940	50.0
Nonane, 4-methyl-	12.34	41.5	ug/l	1246280	3	11.41	1499940	50.0
unknown12.64	12.64	25.4	ug/l	728972	4	13.34	1433120	50.0
Cyclohexane, 1-et...	12.72	95.7	ug/l	2743930	4	13.34	1433120	50.0
Ethanone, 1-(1-me...	12.78	31.4	ug/l	898783	4	13.34	1433120	50.0
Heptane, 3,3,5-tr...	12.96	75.7	ug/l	2170700	4	13.34	1433120	50.0
Benzene, 2-ethyl-...	13.89	27.3	ug/l	782534	4	13.34	1433120	50.0