

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053028.D
 Acq On : 19 Dec 2018 23:43
 Operator : MD\SY
 Sample : J6411-01 10X
 Misc : 5.63q/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

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\82N121818W.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	7.590	1786	1809	1820	rBV	698262	1754932	3.59%	0.334%
2	7.667	1820	1833	1852	rVB	1574392	3729269	7.63%	0.710%
3	8.027	1926	1945	1966	rBV	804274	1854098	3.79%	0.353%
4	8.587	2102	2119	2139	rBV	2283385	4639682	9.49%	0.883%
5	9.866	2497	2517	2540	rBV4	187054	546165	1.12%	0.104%
6	10.091	2572	2587	2614	rVB2	4200363	8185666	16.74%	1.559%
7	10.259	2630	2639	2658	rVB6	200904	584652	1.20%	0.111%
8	10.432	2685	2693	2710	rVB	597874	1108954	2.27%	0.211%
9	10.532	2710	2724	2733	rBV2	344780	778129	1.59%	0.148%
10	10.628	2745	2754	2763	rVB	530209	839937	1.72%	0.160%
11	10.718	2763	2782	2794	rBV	2380533	4003060	8.19%	0.762%
12	10.821	2799	2814	2826	rBV	1265079	2673434	5.47%	0.509%
13	10.886	2827	2834	2842	rVV4	624242	1095832	2.24%	0.209%
14	10.953	2846	2855	2862	rVV	2250112	3766897	7.70%	0.717%
15	11.008	2862	2872	2882	rVV2	4504065	8364176	17.10%	1.593%
16	11.059	2883	2888	2895	rVB	557818	755792	1.55%	0.144%
17	11.123	2895	2908	2916	rBV4	2891107	5479223	11.21%	1.043%
18	11.197	2916	2931	2951	rVB5	3565173	11500806	23.52%	2.190%
19	11.294	2951	2961	2970	rBV2	1575927	2900191	5.93%	0.552%
20	11.406	2985	2996	3006	rBV	3113595	5605595	11.46%	1.067%
21	11.493	3016	3023	3030	rBV3	416833	700140	1.43%	0.133%
22	11.541	3030	3038	3044	rVV	1729946	2578252	5.27%	0.491%
23	11.593	3045	3054	3063	rVV6	3248346	7056772	14.43%	1.344%
24	11.654	3064	3073	3081	rVV2	7076542	13466858	27.54%	2.564%
25	11.699	3082	3087	3097	rVB2	5133101	7870773	16.10%	1.499%
26	11.760	3097	3106	3112	rBV3	1383978	2502582	5.12%	0.477%
27	11.853	3127	3135	3143	rVB4	2451313	3673391	7.51%	0.699%
28	11.924	3143	3157	3169	rBV5	9298076	22700976	46.42%	4.323%
29	11.982	3170	3175	3179	rBV2	1158443	1323505	2.71%	0.252%
30	12.046	3187	3195	3203	rBV	14955416	20679828	42.29%	3.938%
31	12.120	3210	3218	3223	rBV4	8251387	13274865	27.15%	2.528%
32	12.162	3224	3231	3249	rVB4	16227429	31792359	65.02%	6.054%
33	12.246	3252	3257	3263	rBV4	2441174	3084509	6.31%	0.587%
34	12.403	3295	3306	3317	rBV5	4937012	9628364	19.69%	1.833%

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Integration Parameters: RTEINT.P

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35	12.490	3317	3333	3339	rBV7	3670872	10037427	20.53%	1.911%
36	12.564	3348	3356	3371	rVB3	13665473	31441472	64.30%	5.987%
37	12.644	3372	3381	3390	rVV6	5471494	11258953	23.02%	2.144%
38	12.728	3393	3407	3416	rVV6	17453713	48899472	100.00%	9.311%
39	12.779	3418	3423	3434	rVB3	10479741	16209305	33.15%	3.087%
40	12.869	3444	3451	3458	rBV2	4870485	6748503	13.80%	1.285%
41	12.930	3459	3470	3472	rVV3	2906032	5729601	11.72%	1.091%
42	12.963	3473	3480	3494	rVB3	18232151	30675581	62.73%	5.841%
43	13.040	3495	3504	3513	rBV	10833640	18518696	37.87%	3.526%
44	13.168	3531	3544	3552	rVB6	6126575	14070883	28.78%	2.679%
45	13.242	3553	3567	3575	rBV	14661534	29002132	59.31%	5.523%
46	13.612	3669	3682	3689	rBV2	4825451	11626386	23.78%	2.214%
47	13.664	3689	3698	3708	rVV6	11763555	22701236	46.42%	4.323%
48	13.712	3709	3713	3721	rVB2	2874439	3776266	7.72%	0.719%
49	13.889	3761	3768	3778	rVB	8672180	13853867	28.33%	2.638%
50	13.995	3792	3801	3811	rVB4	4528159	8394779	17.17%	1.599%
51	14.178	3848	3858	3864	rBV4	4325737	8573894	17.53%	1.633%
52	14.249	3874	3880	3888	rVB	4387512	6221110	12.72%	1.185%
53	14.294	3888	3894	3900	rBV3	1257772	1643794	3.36%	0.313%
54	14.332	3900	3906	3913	rVB2	1737940	2223092	4.55%	0.423%
55	14.480	3944	3952	3959	rBV4	920200	1881182	3.85%	0.358%
56	14.525	3960	3966	3974	rVV	1693439	2482618	5.08%	0.473%
57	14.583	3974	3984	3997	rVV4	2559550	5511771	11.27%	1.050%
58	14.647	3997	4004	4015	rVB2	1082099	1801484	3.68%	0.343%
59	14.956	4092	4100	4111	rVB3	693991	1373281	2.81%	0.261%

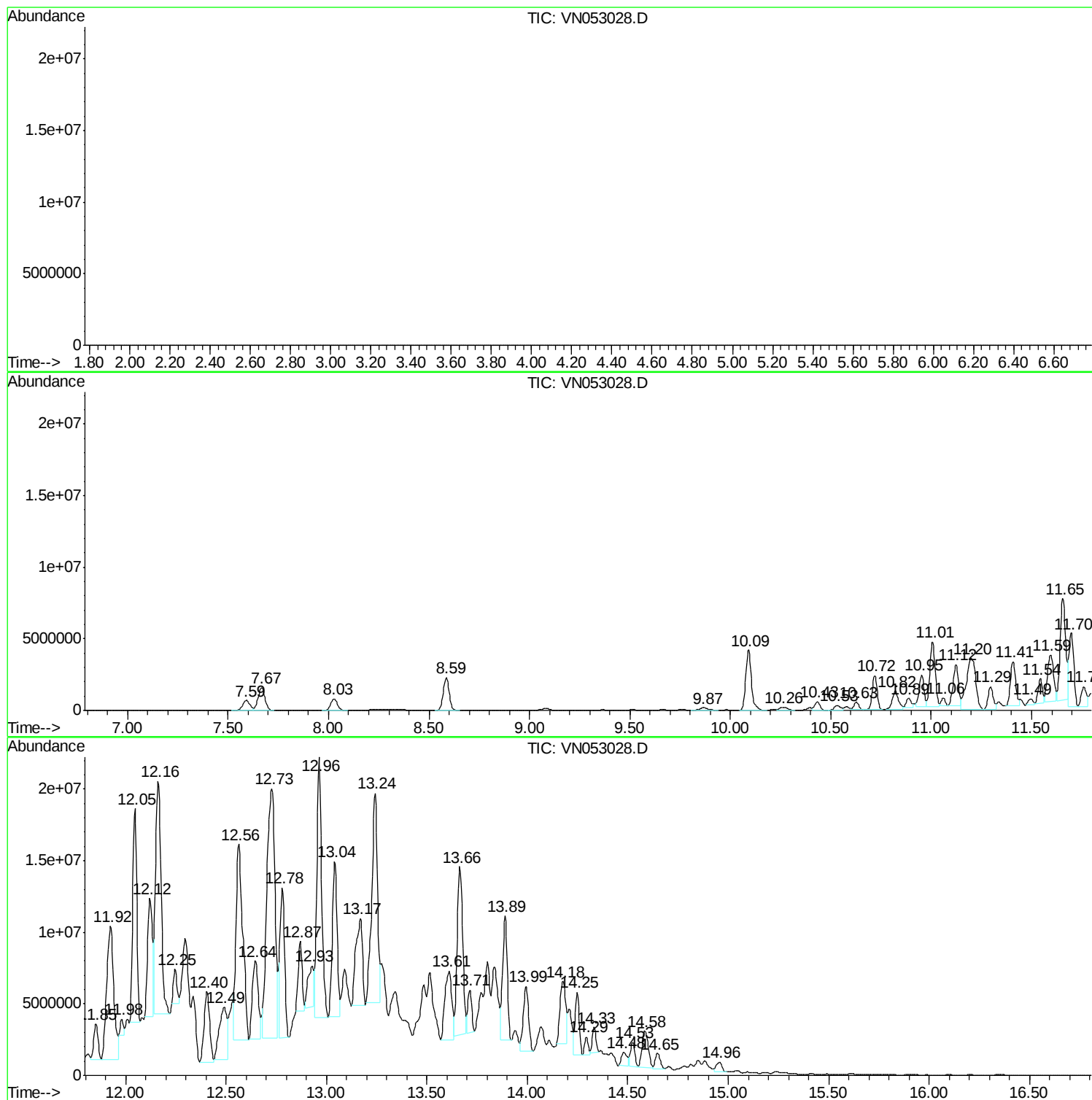
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Quant Title : SW846 8260

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



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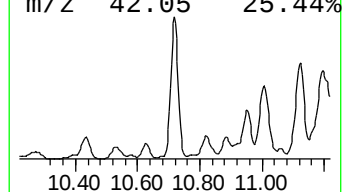
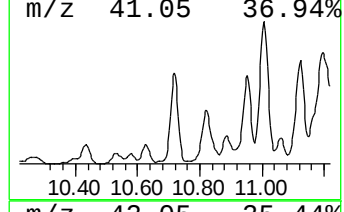
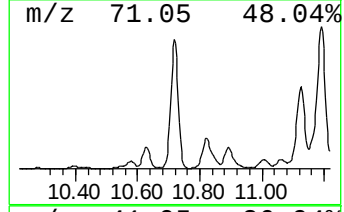
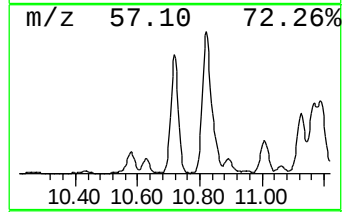
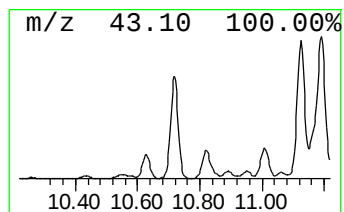
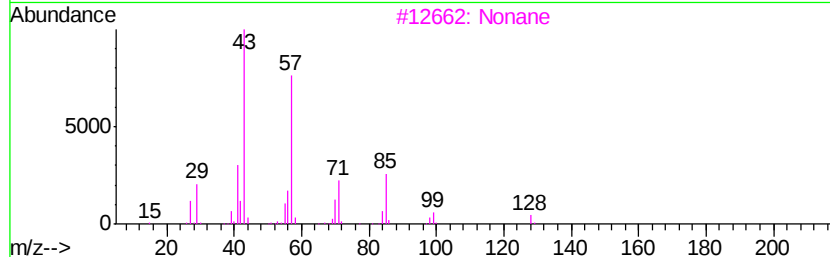
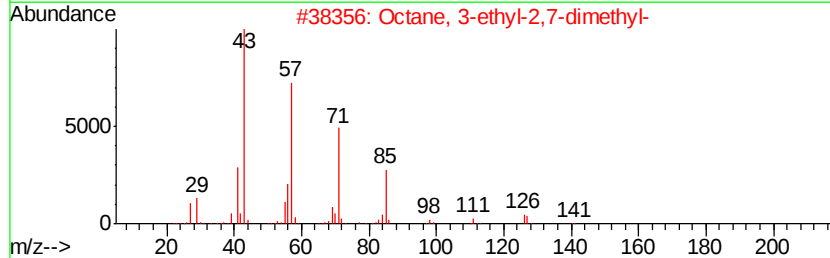
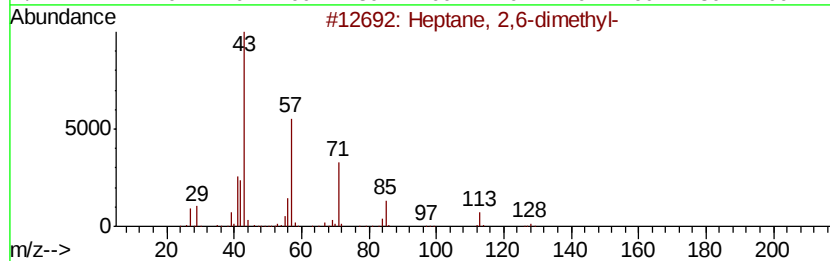
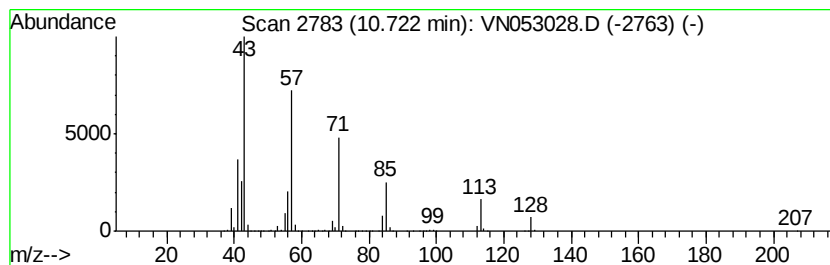
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.72	35.71 ug/l	4003060	Chlorobenzene-d5	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
3		Nonane	128	C9H20	000111-84-2	58
4		Octane, 2-methyl-	128	C9H20	003221-61-2	52
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50



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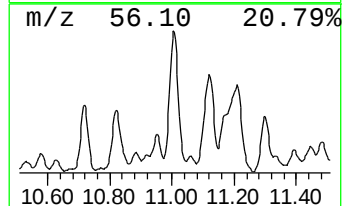
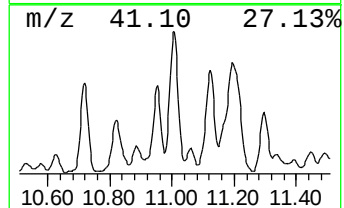
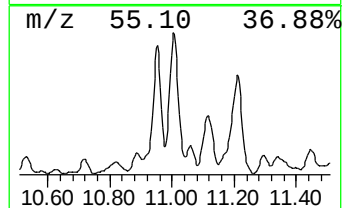
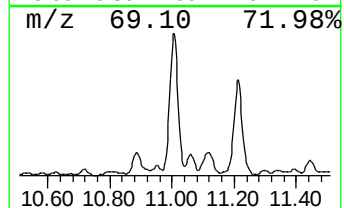
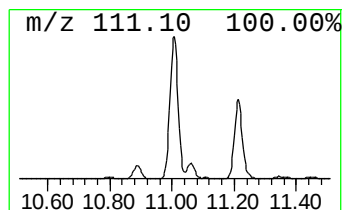
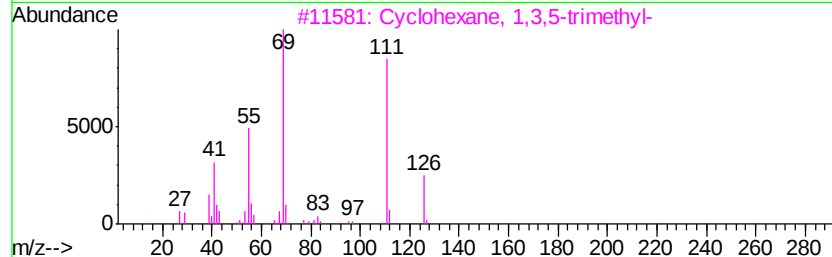
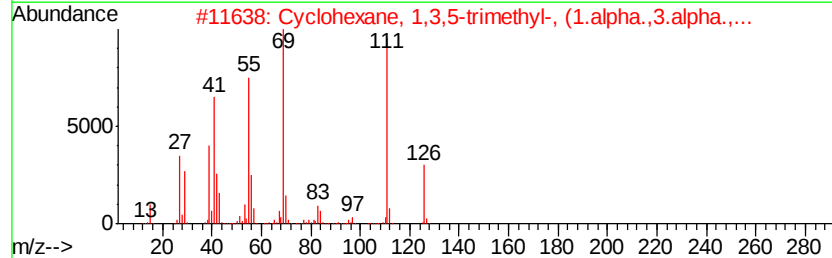
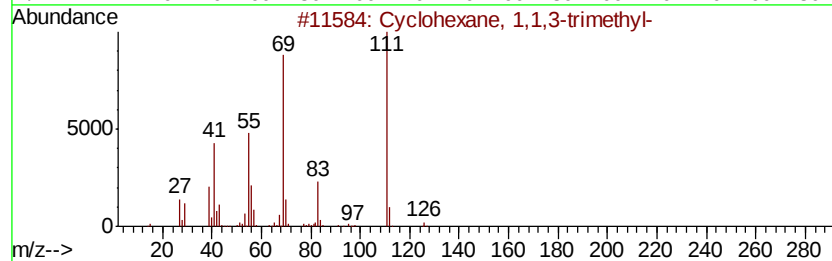
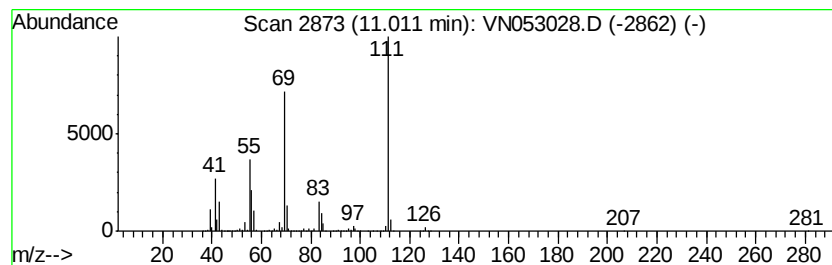
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	74.61 ug/l	8364180	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	56
5		p-Fluoroaniline	111	C6H6FN	000371-40-4	53



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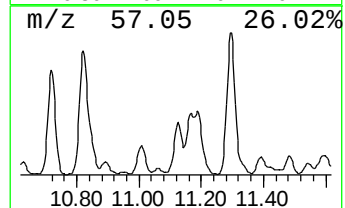
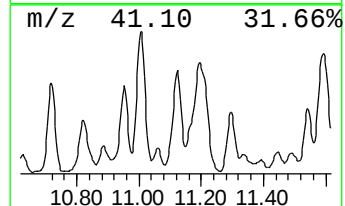
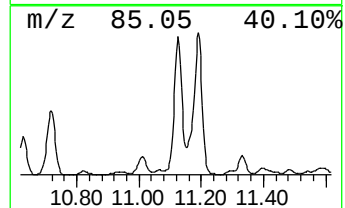
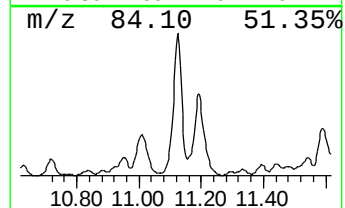
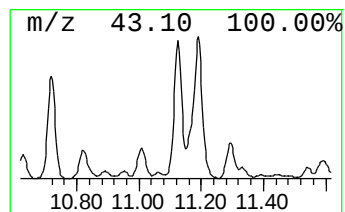
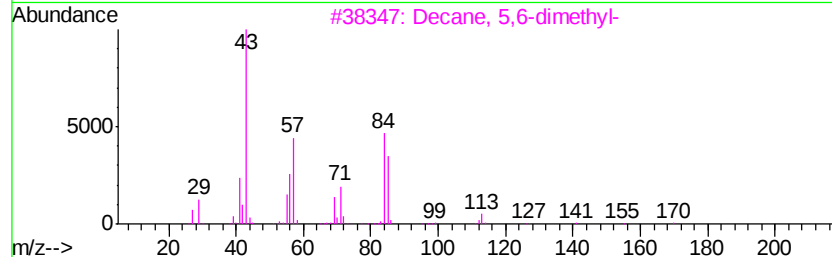
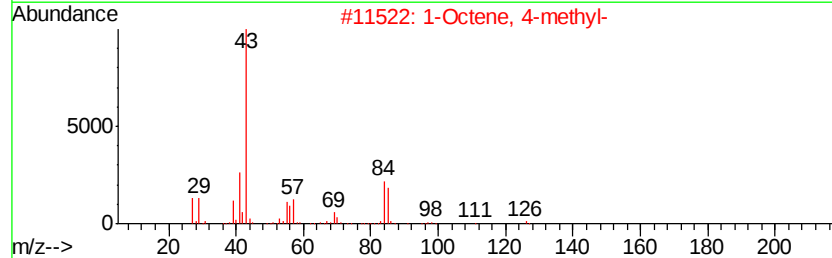
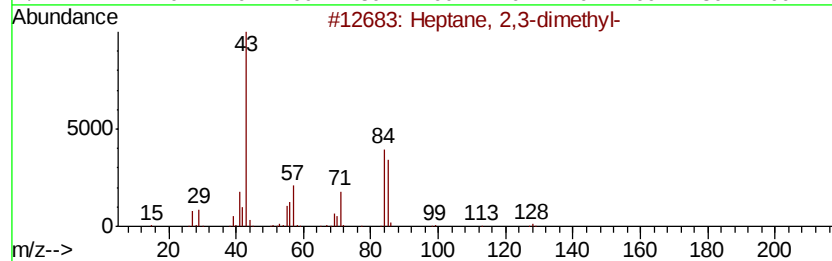
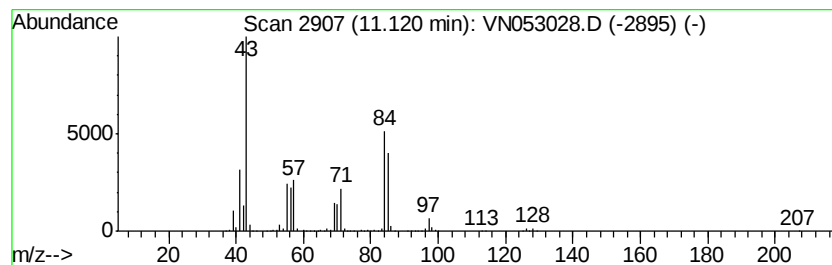
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Quant Title : SW846 8260

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

Peak Number 3 Heptane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	48.87 ug/l	5479220	Chlorobenzene-d5	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 2,3-dimethyl-	128 C9H20	003074-71-3	87
2	1-Octene, 4-methyl-	126 C9H18	013151-12-7	72
3	Decane, 5,6-dimethyl-	170 C12H26	001636-43-7	59
4	Hexane, 2,3,5-trimethyl-	128 C9H20	001069-53-0	58
5	Hexane, 3-ethyl-2-methyl-	128 C9H20	016789-46-1	58



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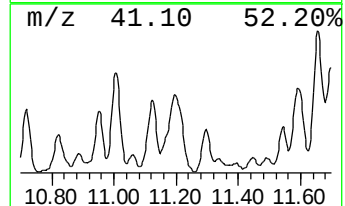
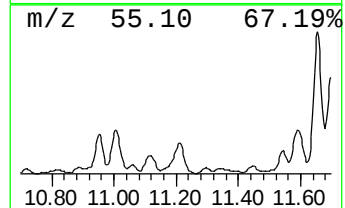
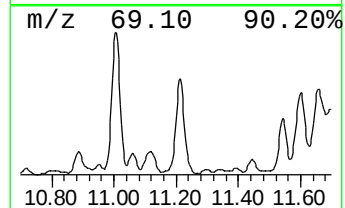
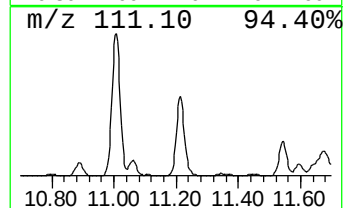
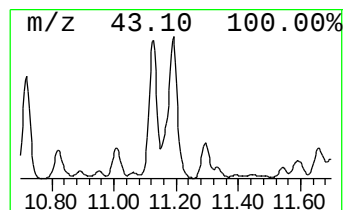
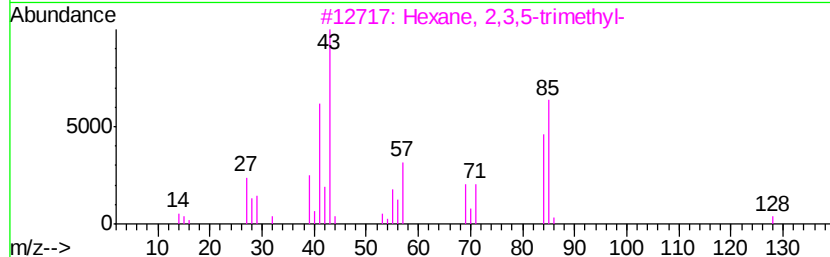
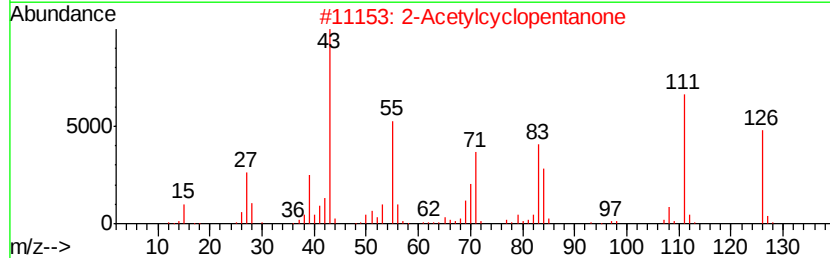
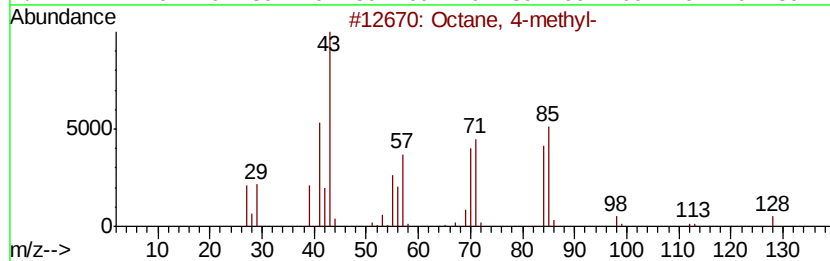
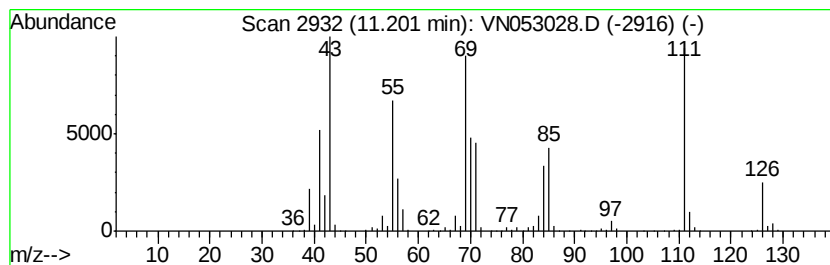
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	102.58 ug/l	11500800	Chlorobenzene-d5	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 4-methyl-	128 C9H20	002216-34-4	83
2	2-Acetylcyclopentanone	126 C7H10O2	001670-46-8	47
3	Hexane, 2,3,5-trimethyl-	128 C9H20	001069-53-0	38
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126 C9H18	001795-26-2	35
5	Dodecane, 5-methyl-	184 C13H28	017453-93-9	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63q/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleID :
EP1-SBR-1A(8-9FT)1218

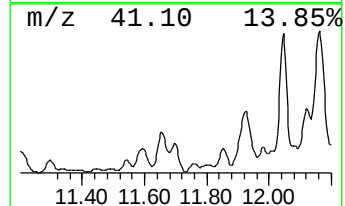
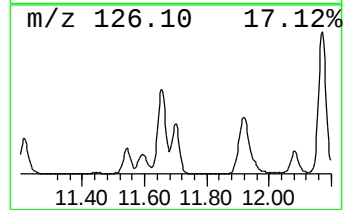
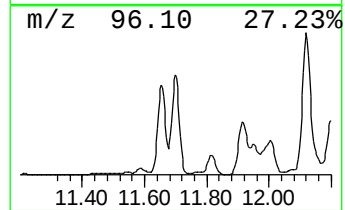
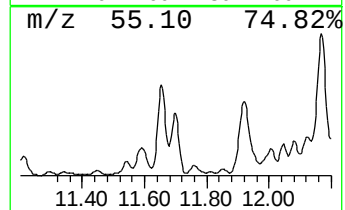
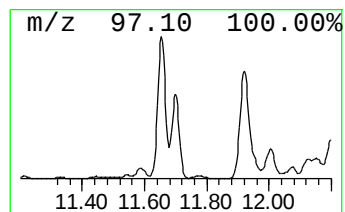
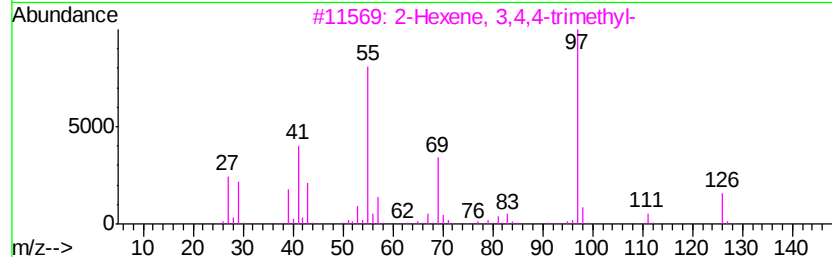
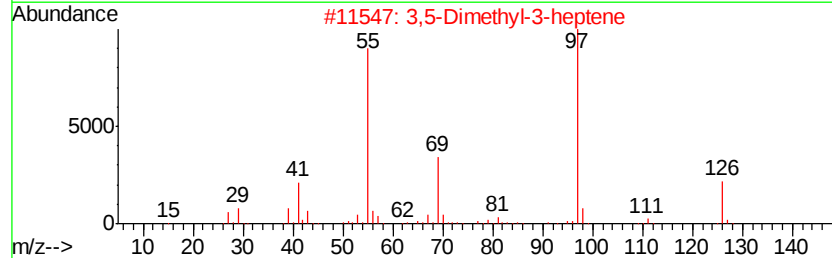
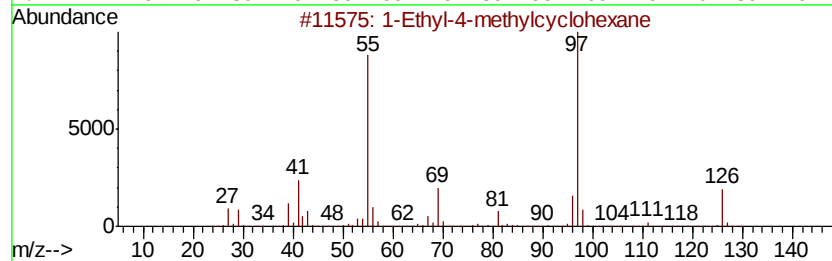
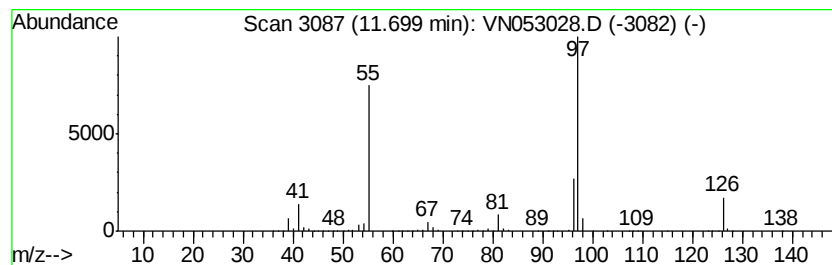
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Quant Title : SW846 8260

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

Peak Number 5 1-Ethyl-4-methylcyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	70.20 ug/l	7870770	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
3		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
4		Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	64
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63q/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

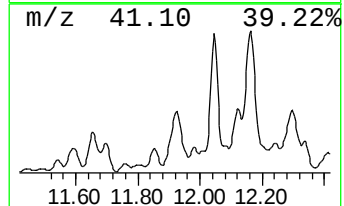
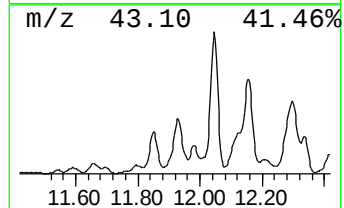
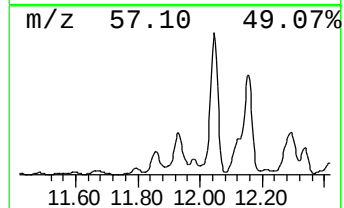
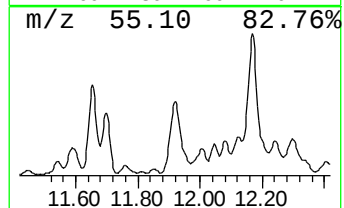
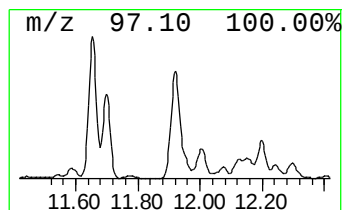
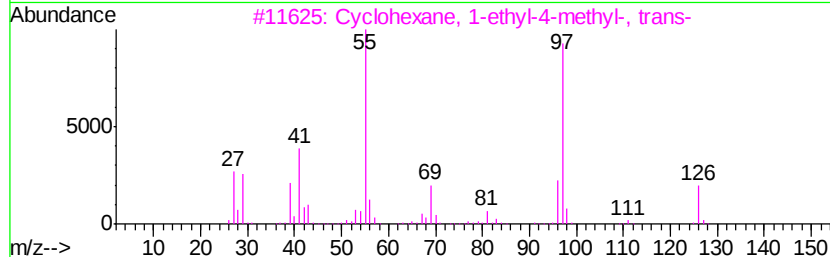
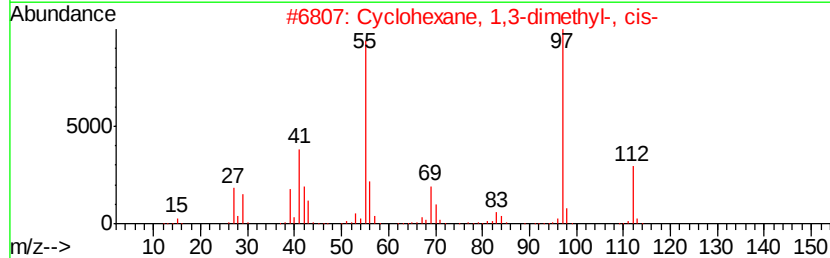
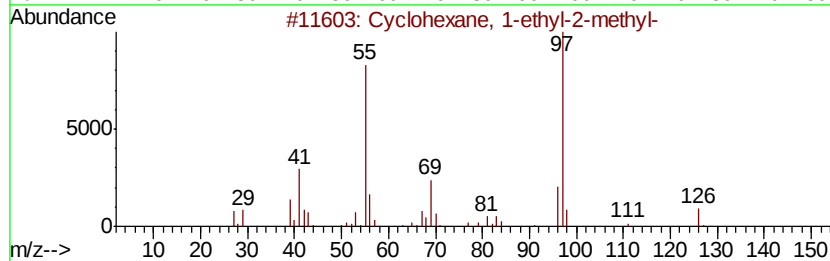
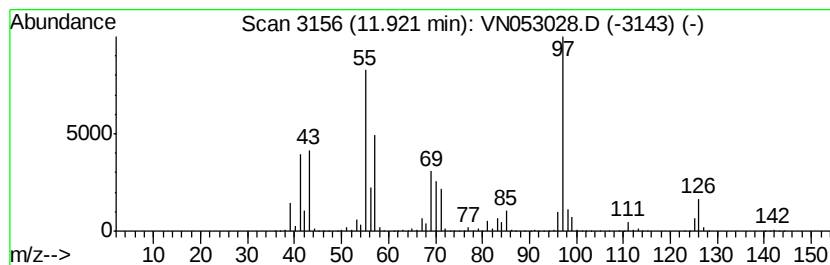
Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	202.49 ug/l	22701000	Chlorobenzene-d5	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-ethyl-2-methyl-	126 C9H18	003728-54-9 64
2		Cyclohexane, 1,3-dimethyl-, cis-	112 C8H16	000638-04-0 53
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	006236-88-0 52
4		2-Hexene, 3,4,4-trimethyl-	126 C9H18	053941-19-8 52
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126 C9H18	004923-78-8 52



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63u/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

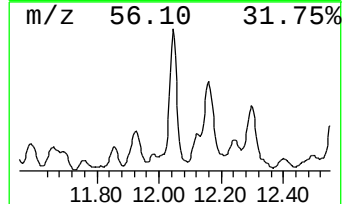
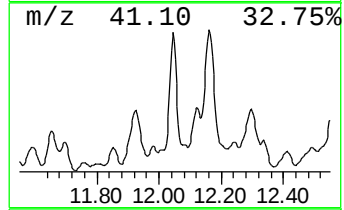
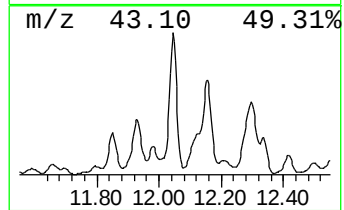
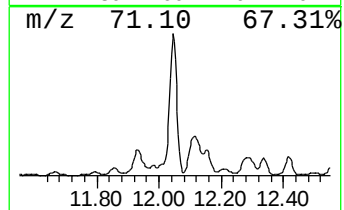
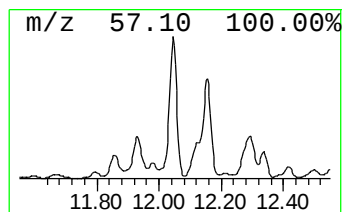
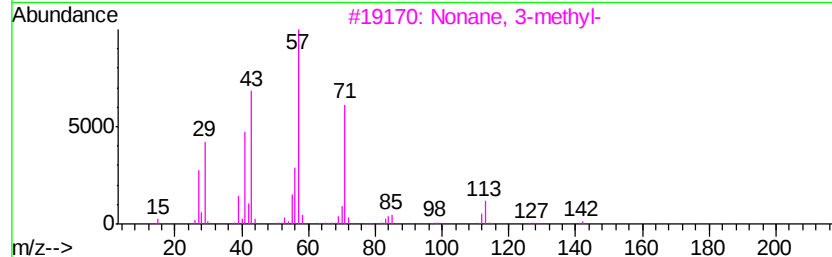
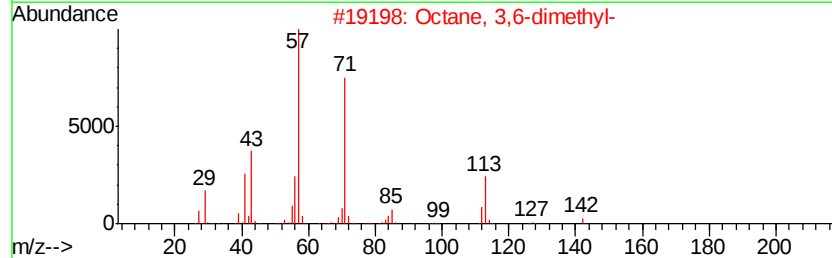
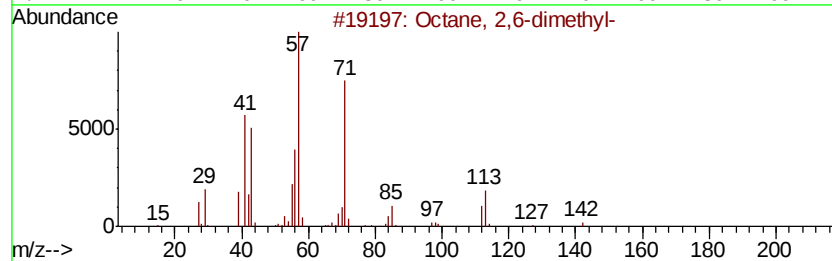
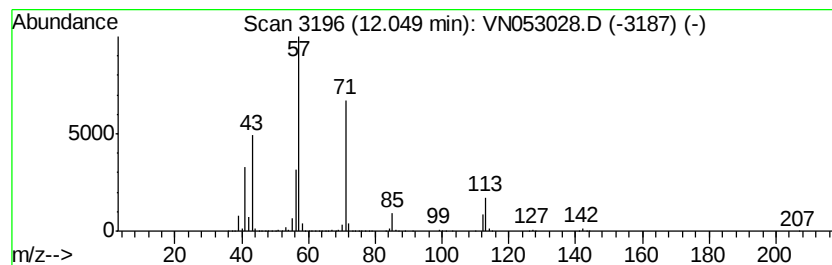
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Quant Title : SW846 8260

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	184.46 ug/l	20679800	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5		Octyl thioglycolate	204	C10H20O2S	007664-80-4	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63q/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

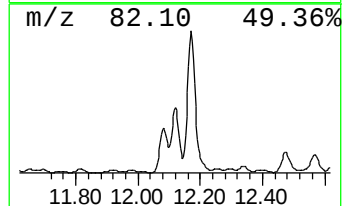
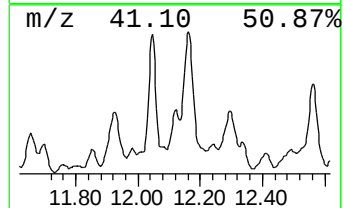
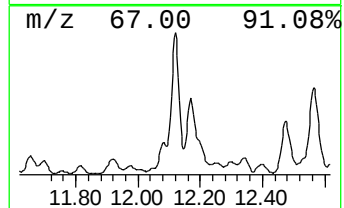
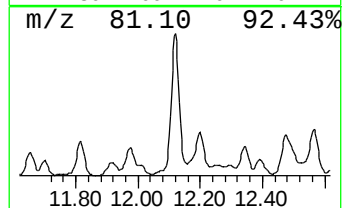
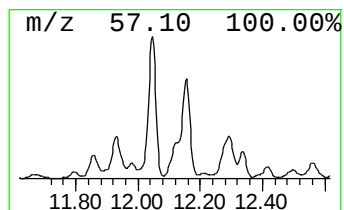
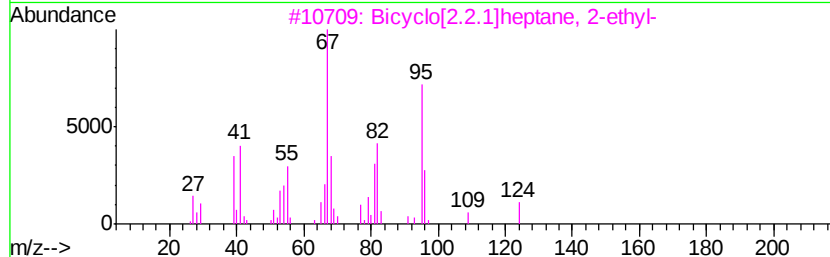
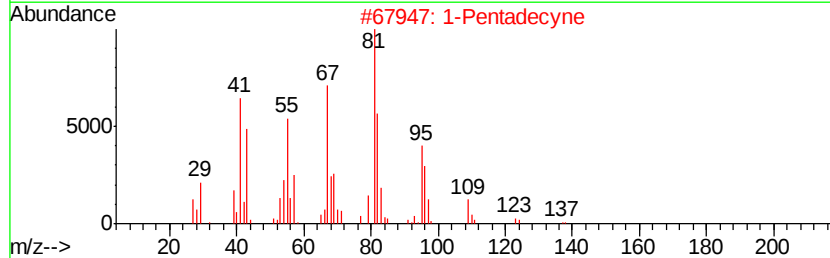
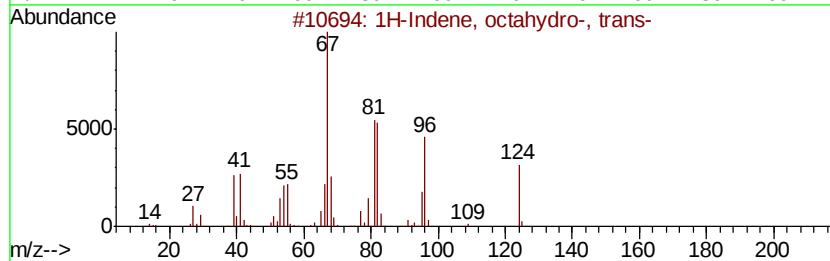
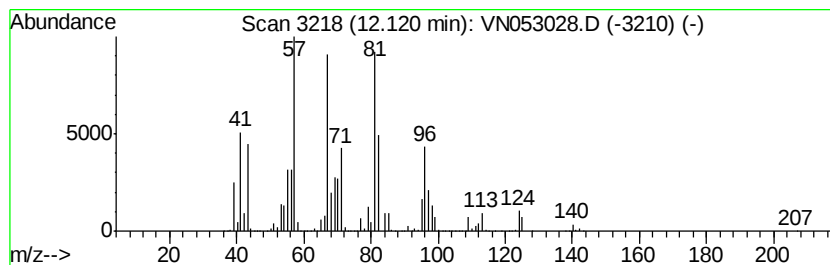
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Quant Title : SW846 8260

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

Peak Number 8 unknown12.12 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	118.41 ug/l	13274900	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	49
2		1-Pentadecyne	208	C15H28	000765-13-9	46
3		Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	38
4		Cyclohexene, 3-propyl-	124	C9H16	003983-06-0	30
5		Cyclopentane, ethylidene-	96	C7H12	002146-37-4	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

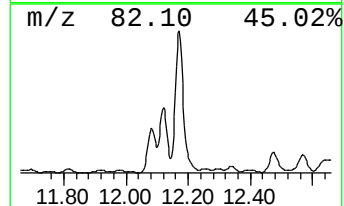
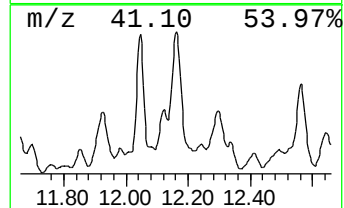
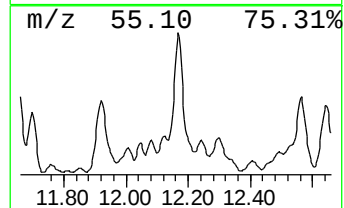
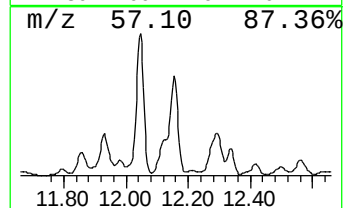
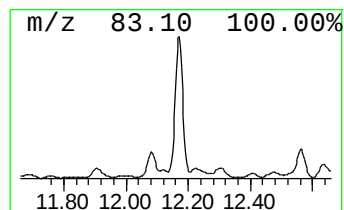
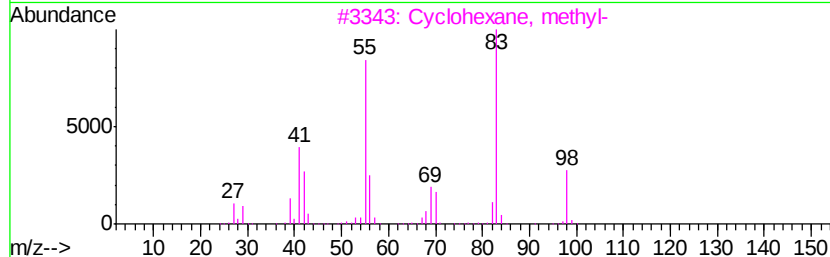
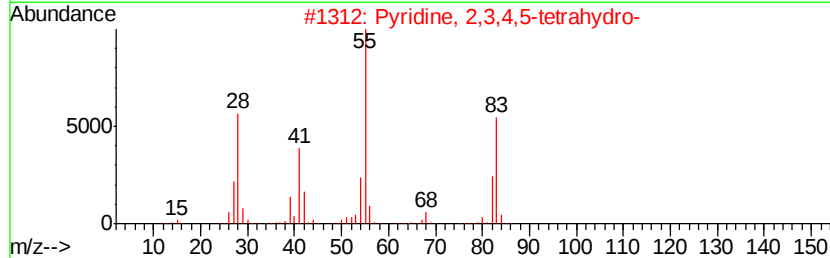
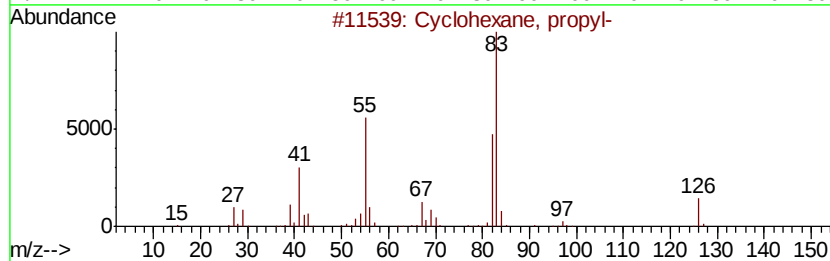
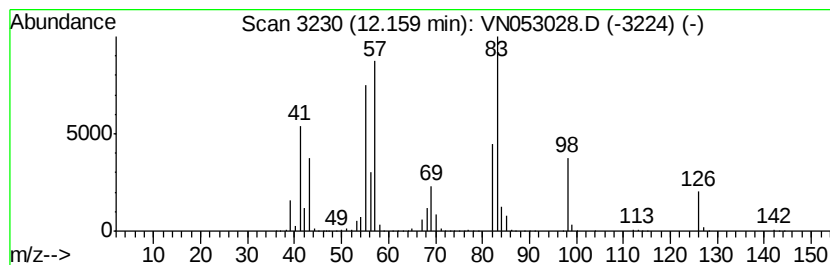
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Quant Title : SW846 8260

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

Peak Number 9 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	283.58 ug/l	31792400	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2		Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	53
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	52
4		2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	50
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
Data File : VN053028.D
Acq On : 19 Dec 2018 23:43
Operator : MD\SY
Sample : J6411-01 10X
Misc : 5.63q/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-1A(8-9FT)1218

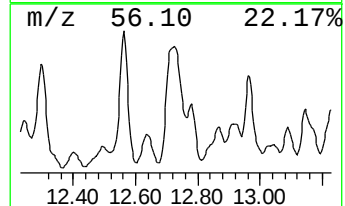
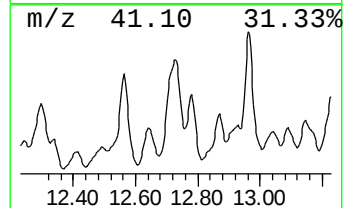
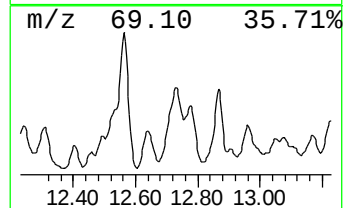
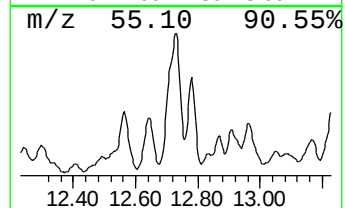
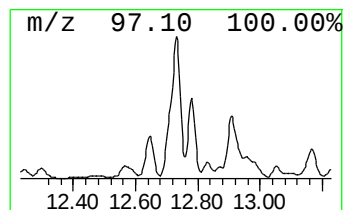
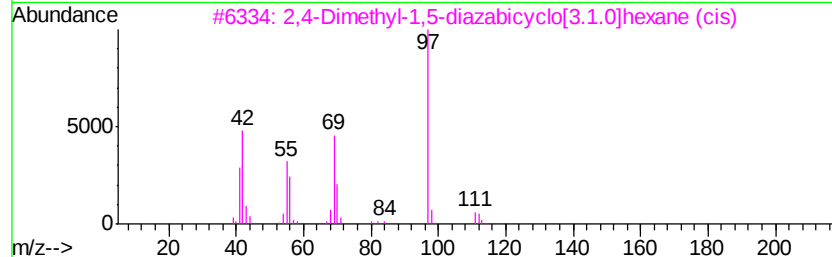
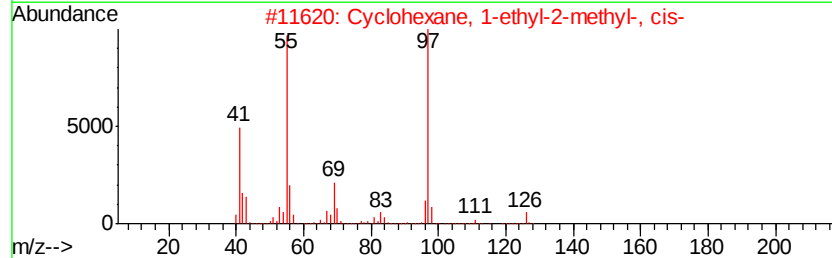
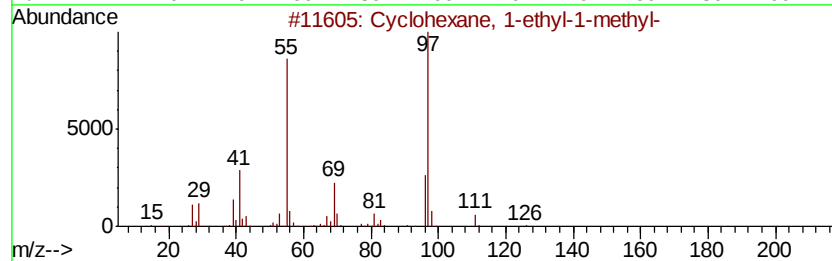
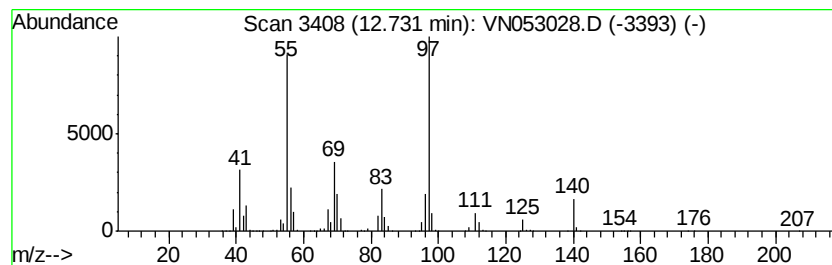
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	84.30 ug/l	48899500	1,4-Dichlorobenzene-d4	13.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
3			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	100463-01-2	52
4			Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	49
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
 Data File : VN053028.D
 Acq On : 19 Dec 2018 23:43
 Operator : MD\SY
 Sample : J6411-01 10X
 Misc : 5.63g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-1A(8-9FT)1218

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.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
Heptane, 2,6-dime...	10.72	35.7	ug/l	4003060	3	11.41	5605600	50.0
Cyclohexane, 1,1,...	11.01	74.6	ug/l	8364180	3	11.41	5605600	50.0
Heptane, 2,3-dime...	11.12	48.9	ug/l	5479220	3	11.41	5605600	50.0
Octane, 4-methyl-	11.20	102.6	ug/l	11500800	3	11.41	5605600	50.0
1-Ethyl-4-methylc...	11.70	70.2	ug/l	7870770	3	11.41	5605600	50.0
Cyclohexane, 1-et...	11.92	202.5	ug/l	22701000	3	11.41	5605600	50.0
Octane, 2,6-dimet...	12.05	184.5	ug/l	20679800	3	11.41	5605600	50.0
unknown12.12	12.12	118.4	ug/l	13274900	3	11.41	5605600	50.0
Cyclohexane, propyl-	12.16	283.6	ug/l	31792400	3	11.41	5605600	50.0
Cyclohexane, 1-et...	12.73	84.3	ug/l	48899500	4	13.35	29002100	50.0