

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070251.D
 Acq On : 20 Dec 2021 19:43
 Operator : JC/MD
 Sample : M5044-04
 Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-4-4.5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Title : SW846 8260

Signal : TIC: VN070251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.006	370	379	401	rVB8	204454	452375	1.43%	0.124%
2	5.044	1104	1139	1140	rBV3	161201	435861	1.37%	0.119%
3	5.583	1311	1340	1374	rBV2	350211	1206336	3.80%	0.330%
4	7.026	1851	1878	1900	rBV	927744	2830170	8.92%	0.774%
5	7.128	1902	1916	1940	rVB3	179773	509233	1.60%	0.139%
6	8.024	2222	2250	2251	rBV	984890	1781473	5.61%	0.487%
7	8.163	2286	2302	2326	rVB	2810502	7055956	22.23%	1.930%
8	8.287	2328	2348	2383	rVB	2656374	6225653	19.62%	1.703%
9	8.432	2385	2402	2427	rBV	1102965	2560058	8.07%	0.700%
10	8.606	2429	2467	2491	rBV	12047998	31737999	100.00%	8.683%
11	8.697	2492	2501	2525	rVB3	402955	965441	3.04%	0.264%
12	8.818	2528	2546	2576	rVB5	222578	599638	1.89%	0.164%
13	8.963	2579	2600	2626	rBV	2830307	6455132	20.34%	1.766%
14	9.271	2706	2715	2743	rVB	205555	441066	1.39%	0.121%
15	9.451	2751	2782	2793	rBV3	4052639	9725180	30.64%	2.661%
16	9.507	2793	2803	2819	rVB	3588280	6927162	21.83%	1.895%
17	9.588	2819	2833	2843	rBV	884223	1792855	5.65%	0.491%
18	9.727	2863	2885	2904	rVB3	792245	2173790	6.85%	0.595%
19	9.877	2923	2941	2966	rBV	10368123	21233589	66.90%	5.809%
20	10.011	2968	2991	3006	rBV	13010186	27428797	86.42%	7.504%
21	10.076	3006	3015	3020	rBV	992616	1516113	4.78%	0.415%
22	10.213	3045	3066	3094	rVB3	3801160	10372151	32.68%	2.838%
23	10.368	3107	3124	3137	rBV	6923204	12911653	40.68%	3.532%
24	10.438	3137	3150	3174	rVB2	5596170	11897883	37.49%	3.255%
25	10.558	3176	3195	3203	rBV4	736393	1668124	5.26%	0.456%
26	10.620	3204	3218	3233	rVB10	1405705	3770549	11.88%	1.032%
27	10.781	3268	3278	3296	rBV5	484815	1223770	3.86%	0.335%
28	10.883	3297	3316	3334	rVV9	2268890	6029187	19.00%	1.650%
29	10.961	3335	3345	3359	rVB	1519988	2665414	8.40%	0.729%
30	11.049	3361	3378	3391	rBV2	1556833	3002570	9.46%	0.821%
31	11.111	3392	3401	3404	rBV2	384209	504532	1.59%	0.138%
32	11.151	3406	3416	3434	rVB	2581985	5153684	16.24%	1.410%
33	11.221	3435	3442	3449	rBV6	460139	721208	2.27%	0.197%
34	11.344	3480	3488	3499	rVB2	690806	1059967	3.34%	0.290%
35	11.454	3519	3529	3536	rBV2	1345784	2142821	6.75%	0.586%
36	11.521	3538	3554	3580	rVB4	4714530	12053880	37.98%	3.298%

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37	11.626	3581	3593	3615	rBV	3844953	7242468	22.82%	1.981%
38	11.744	3617	3637	3650	rBV2	5343747	12015270	37.86%	3.287%
39	11.811	3654	3662	3671	rVV	1379952	1876060	5.91%	0.513%
40	11.991	3723	3729	3739	rVB3	1820647	2556487	8.05%	0.699%
41	12.181	3790	3800	3811	rBV5	1329374	2177924	6.86%	0.596%
42	12.251	3817	3826	3838	rBV3	1839801	3012947	9.49%	0.824%
43	12.363	3860	3868	3880	rVB	2378458	3982661	12.55%	1.090%
44	12.629	3948	3967	3970	rBV5	1891334	4356178	13.73%	1.192%
45	12.709	3992	3997	4013	rVB2	4583110	9530971	30.03%	2.608%
46	12.873	4048	4058	4066	rBV2	1585232	3013513	9.49%	0.824%
47	13.047	4113	4123	4167	rVB5	2368570	7693748	24.24%	2.105%
48	13.198	4173	4179	4186	rBV5	532725	785060	2.47%	0.215%
49	13.412	4251	4259	4270	rVB3	1369095	2234193	7.04%	0.611%
50	13.495	4273	4290	4295	rBV4	1047900	2851910	8.99%	0.780%
51	13.603	4323	4330	4337	rBV	1633102	2304956	7.26%	0.631%
52	13.637	4338	4343	4347	rVV2	1759863	2143569	6.75%	0.586%
53	13.672	4348	4356	4366	rVV2	6648828	11247505	35.44%	3.077%
54	13.734	4368	4379	4397	rVB4	3754712	9402945	29.63%	2.573%
55	13.836	4408	4417	4427	rBV	2234931	3367133	10.61%	0.921%
56	13.994	4468	4476	4486	rBV4	1455155	2204454	6.95%	0.603%
57	14.150	4524	4534	4545	rVV2	2348740	3865203	12.18%	1.057%
58	14.214	4547	4558	4585	rVV2	5565735	11337718	35.72%	3.102%
59	14.319	4588	4597	4610	rVB6	2018054	3941108	12.42%	1.078%
60	14.407	4615	4630	4645	rVB6	2275654	5031563	15.85%	1.377%
61	14.512	4663	4669	4673	rBV4	1042397	1278990	4.03%	0.350%
62	14.619	4699	4709	4730	rBV3	4544941	7838090	24.70%	2.144%
63	14.809	4772	4780	4786	rBV4	1118219	1845605	5.82%	0.505%
64	14.914	4808	4819	4833	rBV4	2222280	5873766	18.51%	1.607%
65	14.978	4836	4843	4856	rVB	3418774	5627523	17.73%	1.540%
66	15.193	4914	4923	4933	rVB3	3253358	5068179	15.97%	1.387%
67	15.306	4956	4965	4984	rVB4	2144125	4343955	13.69%	1.188%
68	15.466	5015	5025	5046	rVB8	1375651	3397093	10.70%	0.929%
69	15.804	5140	5151	5169	rBV2	1380907	2834627	8.93%	0.776%

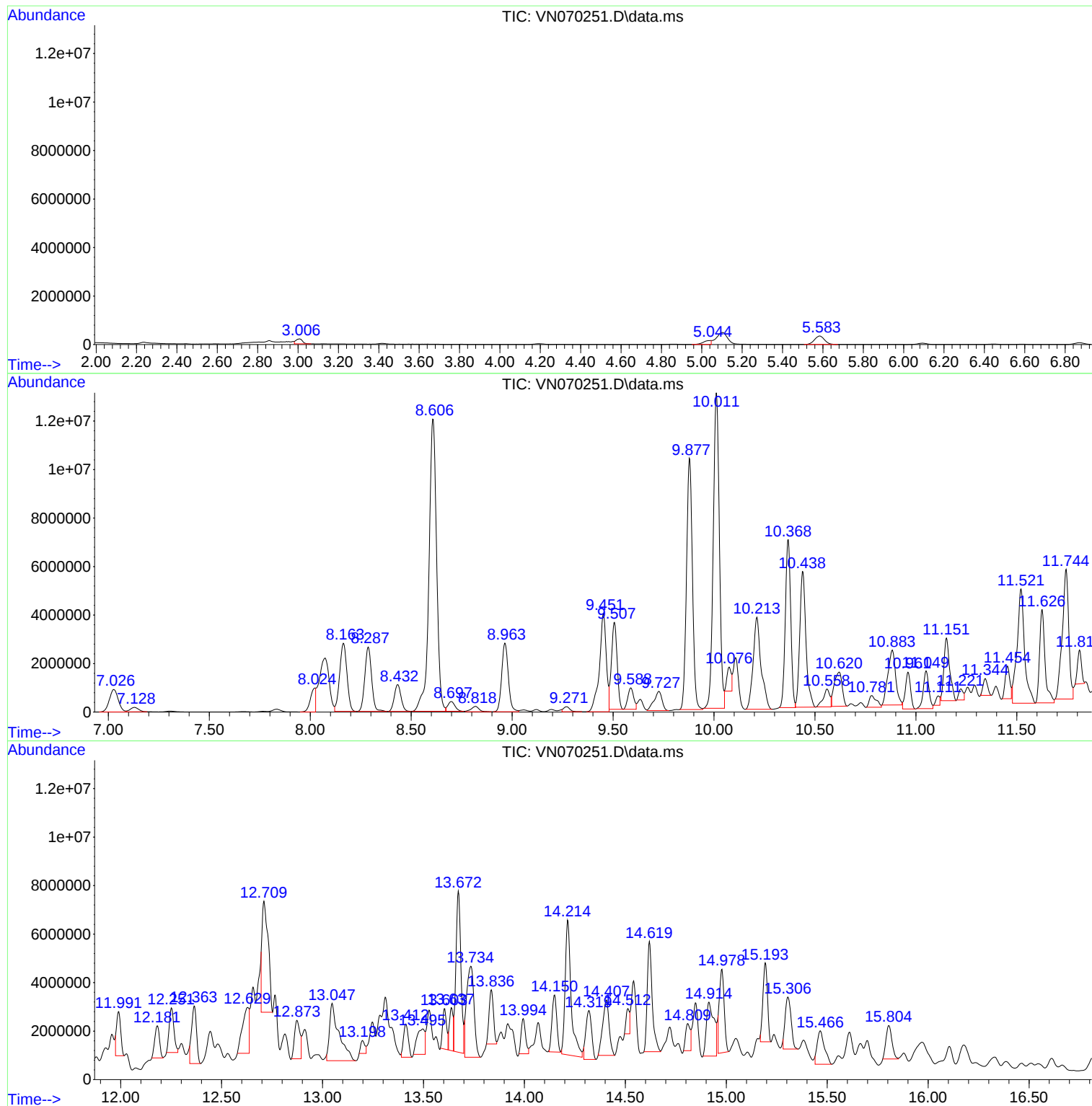
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ClientSampleId :
DA-4-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

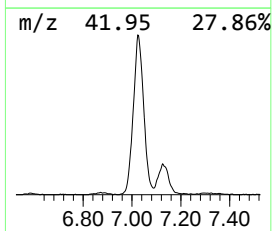
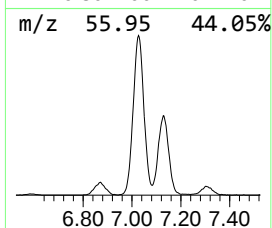
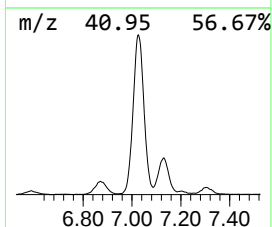
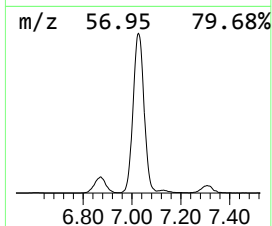
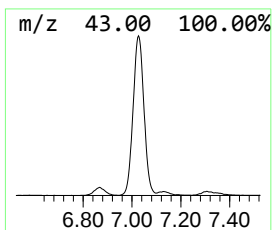
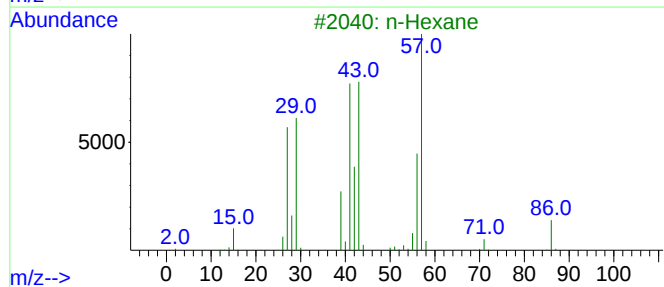
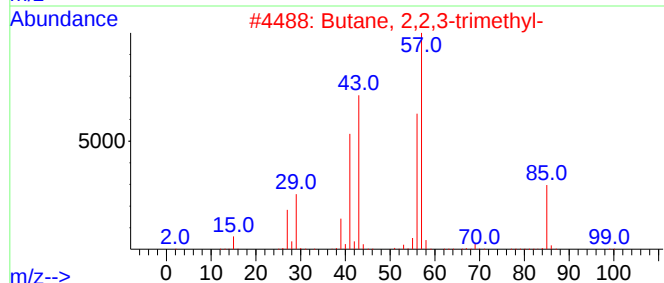
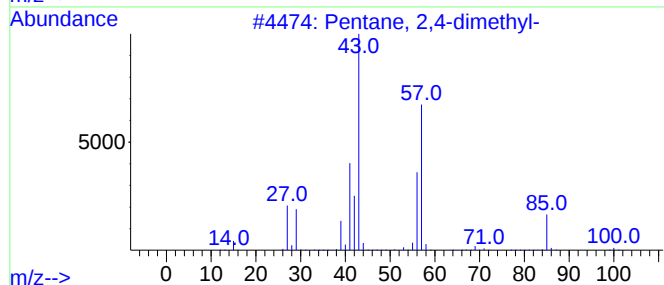
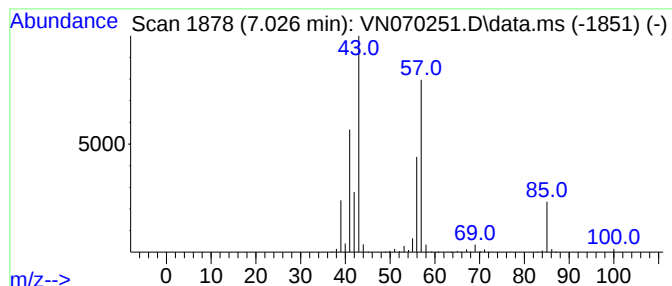
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.026	79.43 ug/l	2830170	Pentafluorobenzene	8.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3			n-Hexane	86	C6H14	000110-54-3	53
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5			2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50



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DA-4-4.5

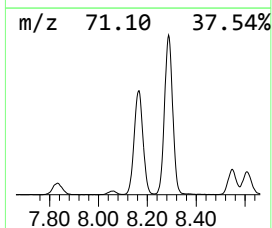
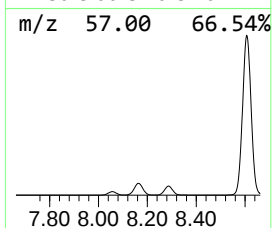
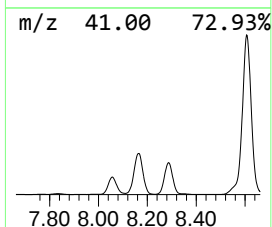
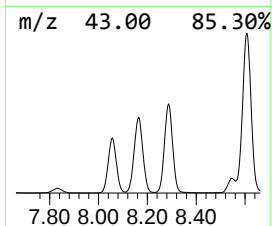
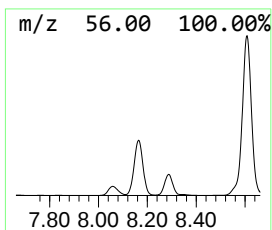
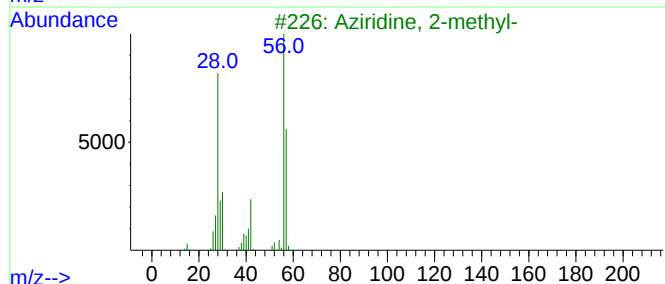
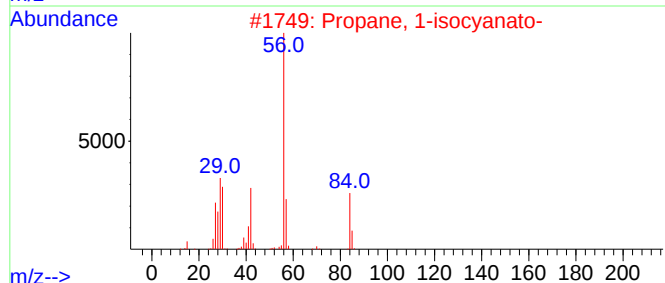
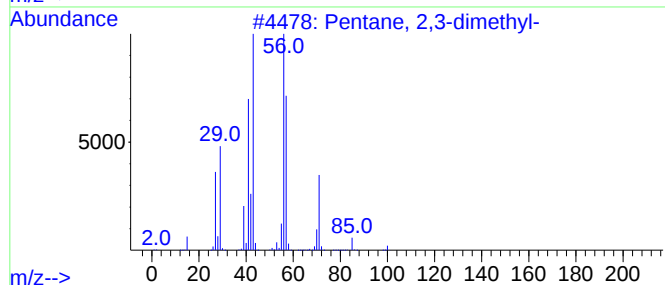
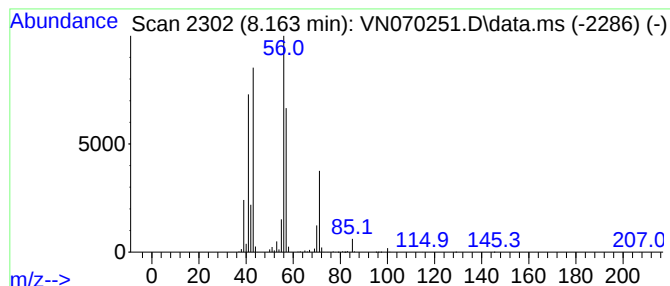
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	198.04 ug/l	7055960	Pentafluorobenzene	8.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	50
3			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
4			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	37
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	36



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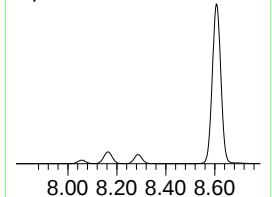
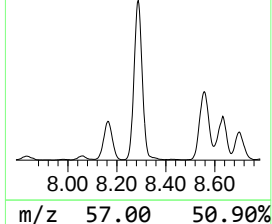
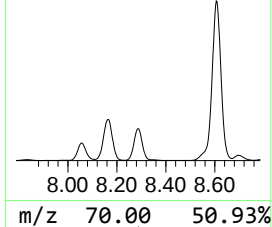
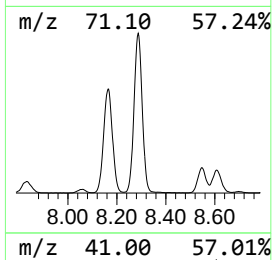
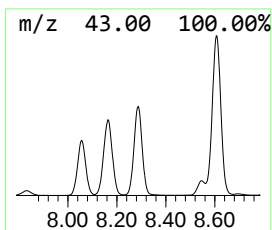
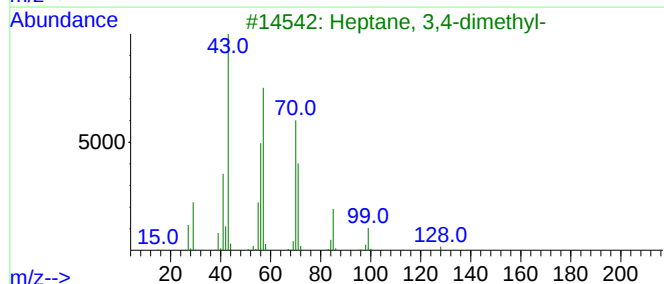
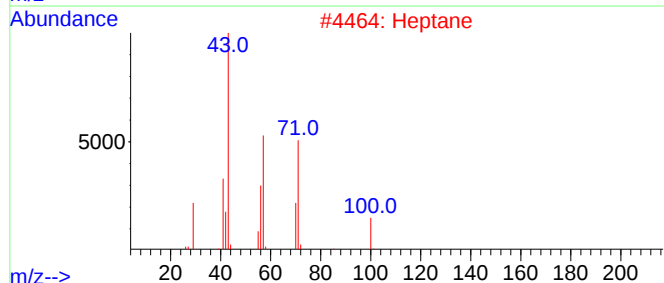
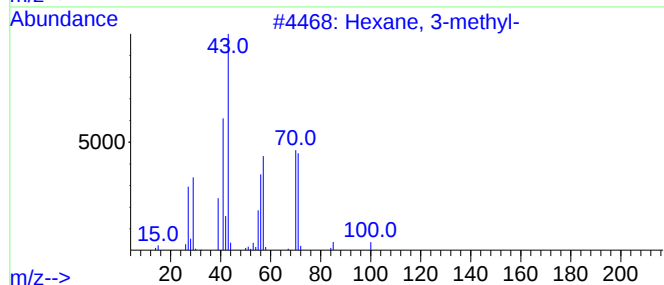
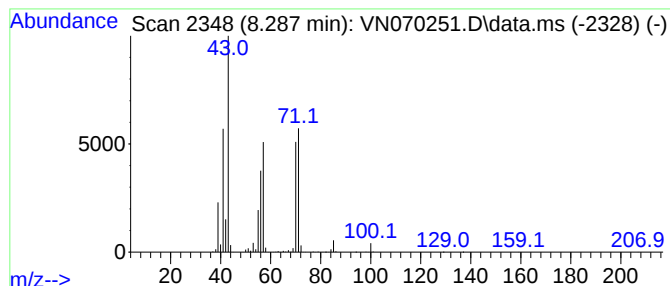
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.287	174.73 ug/l	6225650	Pentafluorobenzene	8.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2			Heptane	100	C7H16	000142-82-5	64
3			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5			Pentane, 3-ethyl-	100	C7H16	000617-78-7	59



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ClientSampleId :
DA-4-4.5

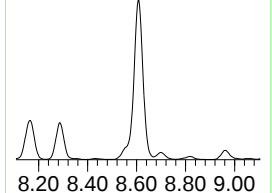
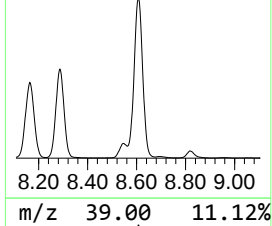
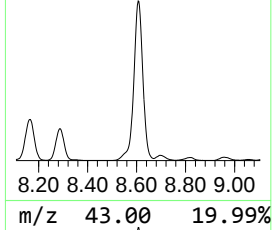
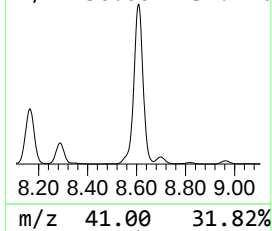
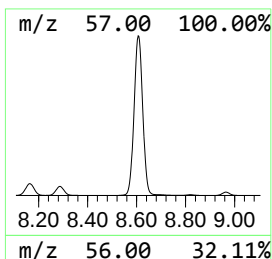
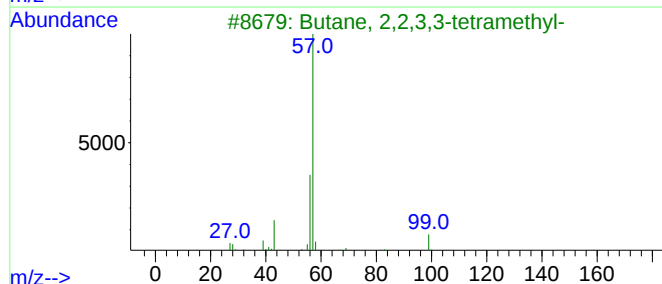
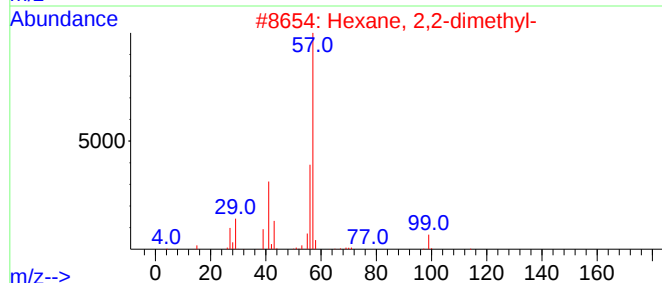
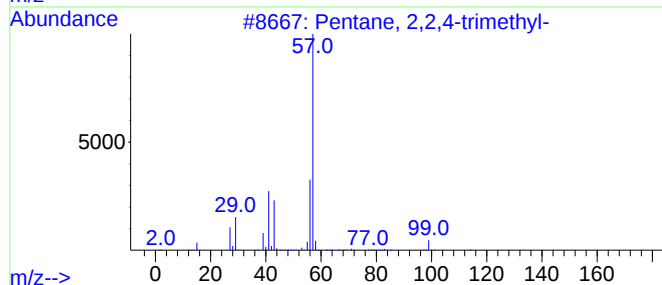
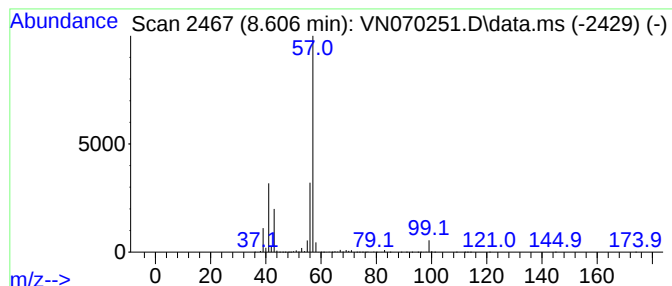
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentane, 2,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.606	245.84 ug/l	31738000	1,4-Difluorobenzene	8.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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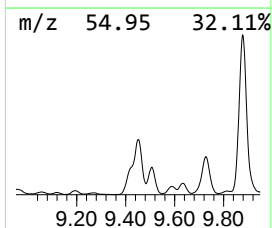
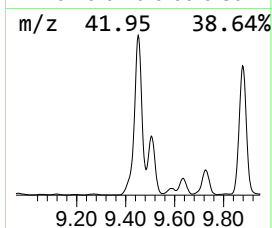
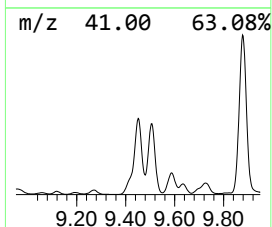
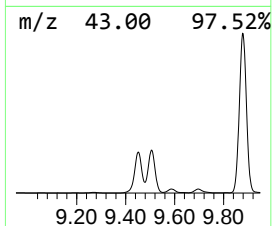
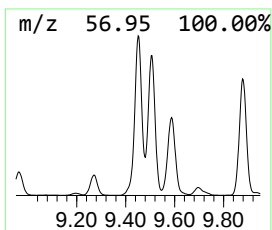
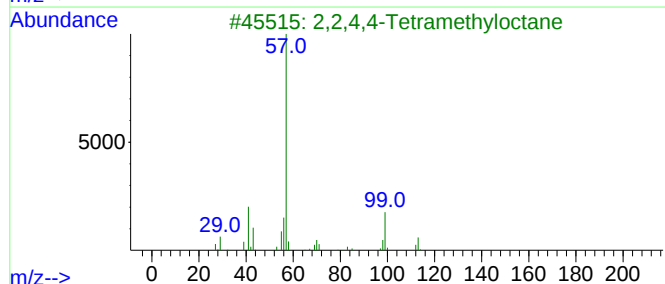
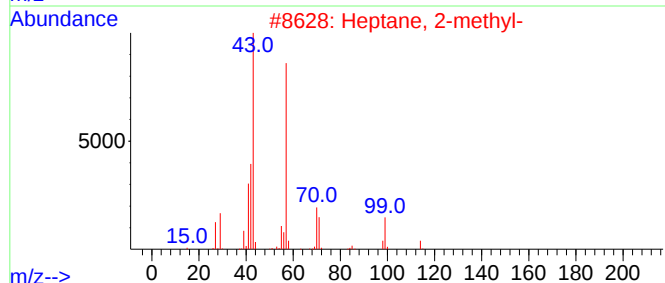
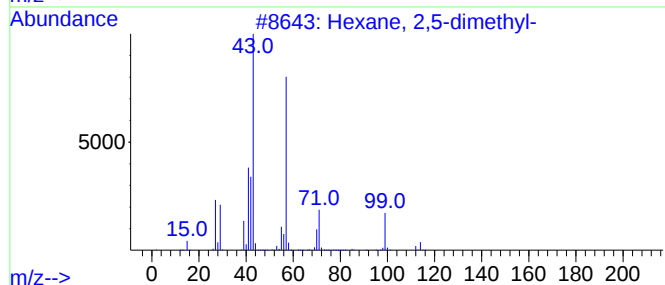
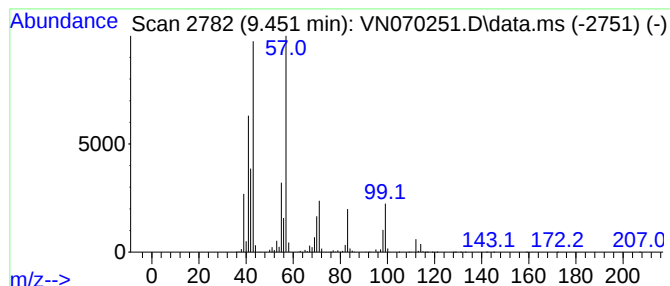
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	75.33 ug/l	9725180	1,4-Difluorobenzene	8.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
2			Heptane, 2-methyl-	114	C8H18	000592-27-8	52
3			2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	35
4			(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	35
5			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

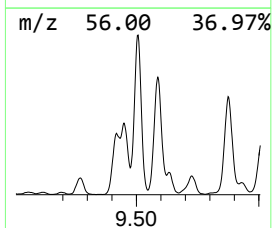
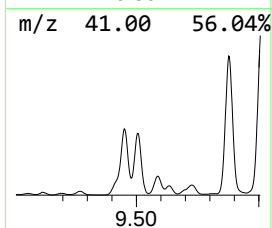
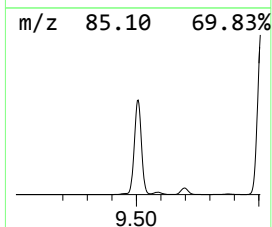
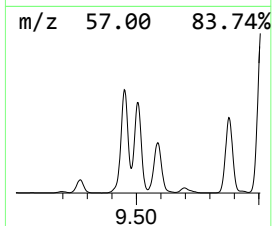
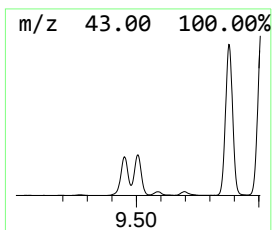
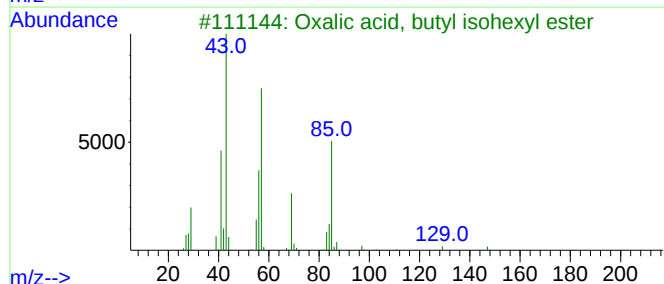
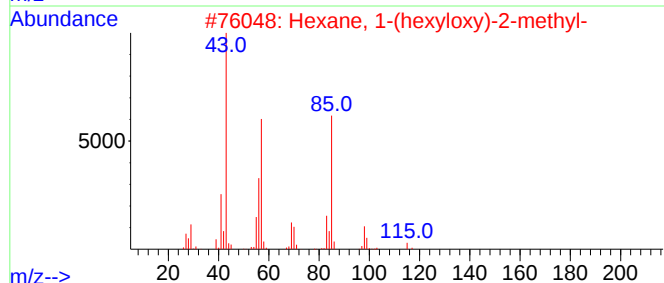
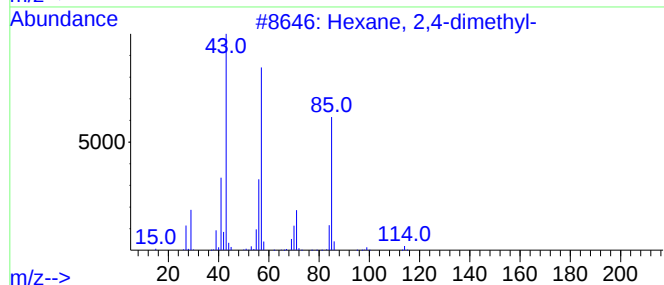
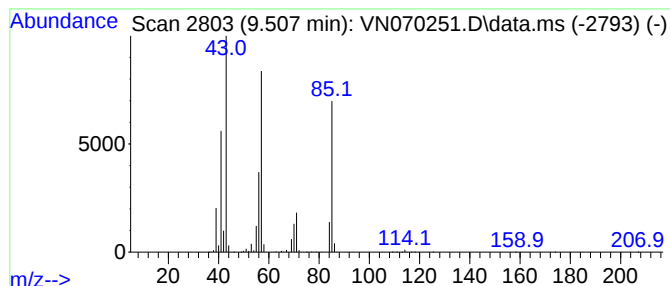
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexane, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.507	53.66 ug/l	6927160	1,4-Difluorobenzene	8.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
2			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	78
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72
4			Heptane, 3-methyl-	114	C8H18	000589-81-1	72
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

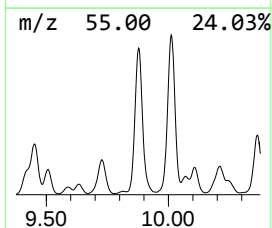
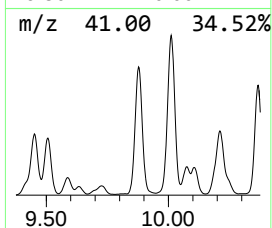
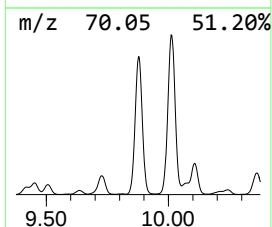
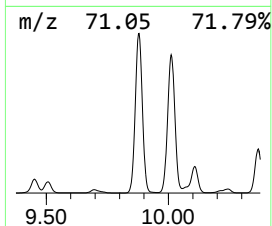
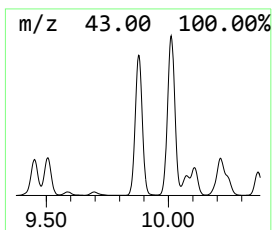
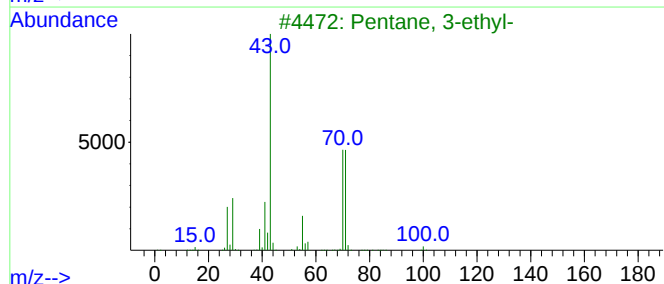
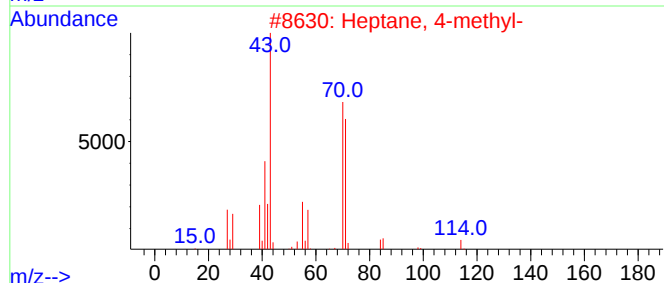
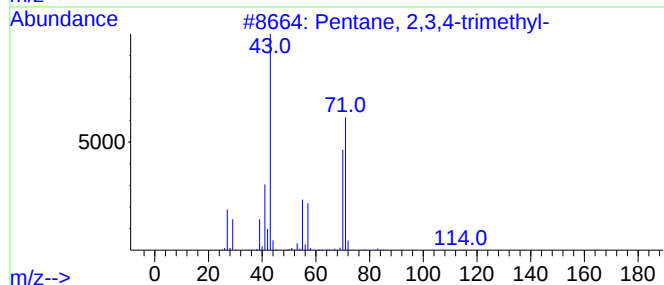
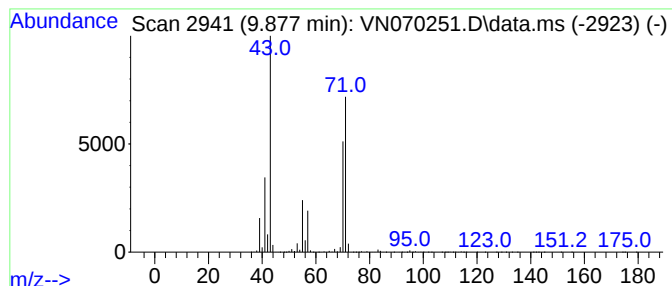
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.877	164.47 ug/l	21233600	1,4-Difluorobenzene	8.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

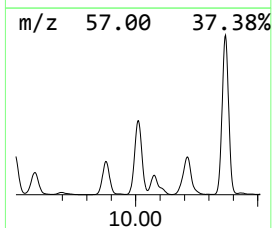
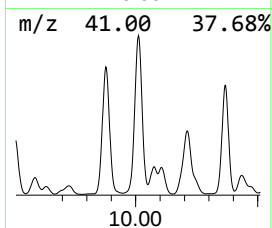
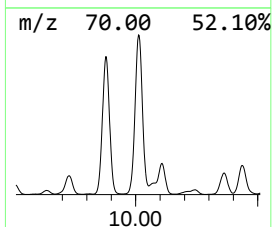
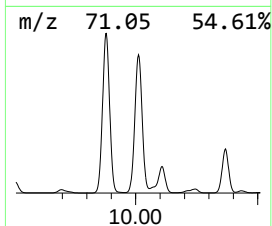
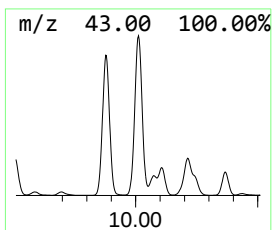
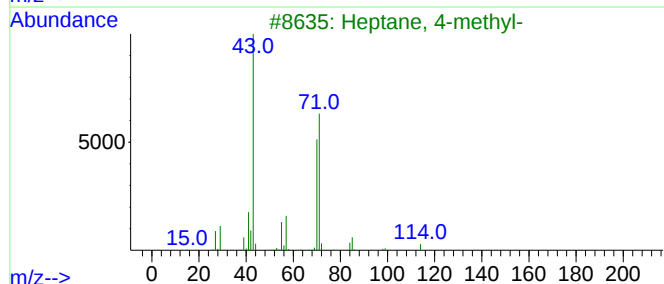
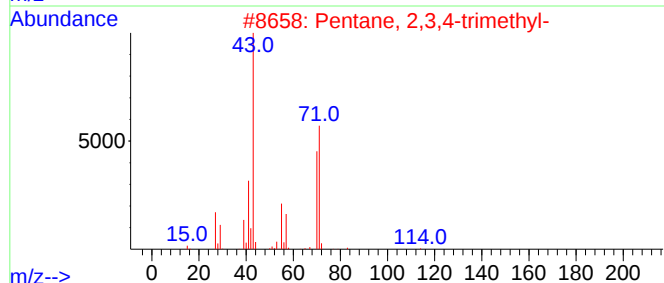
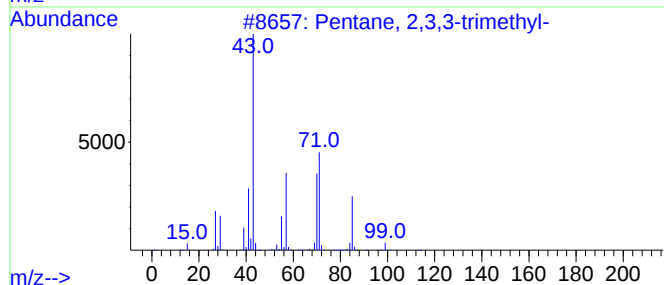
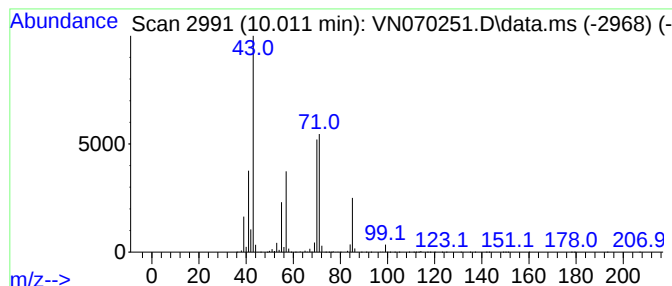
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.011	212.46 ug/l	27428800	1,4-Difluorobenzene	8.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	76
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

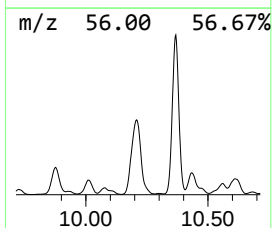
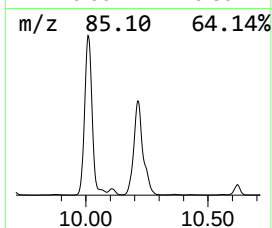
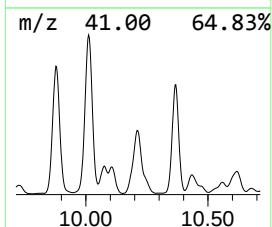
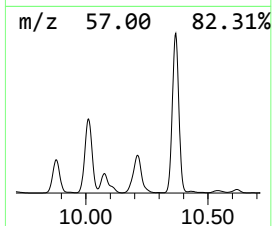
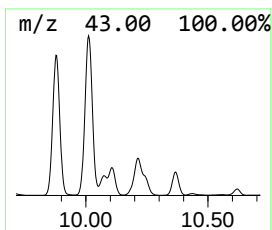
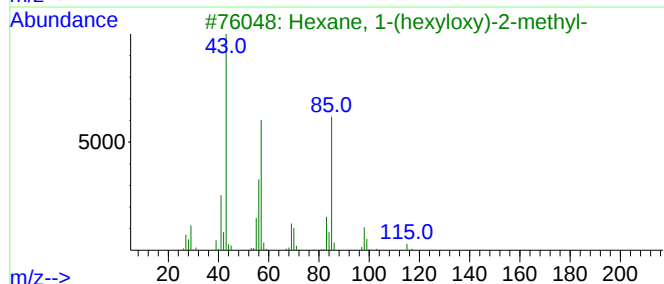
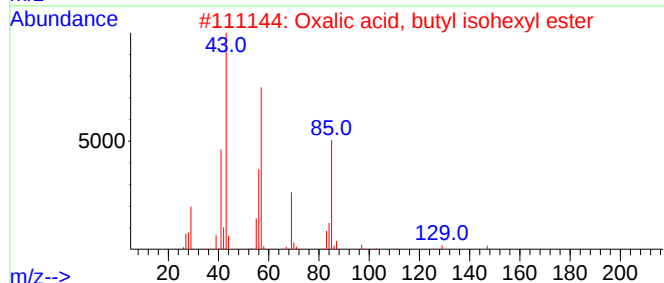
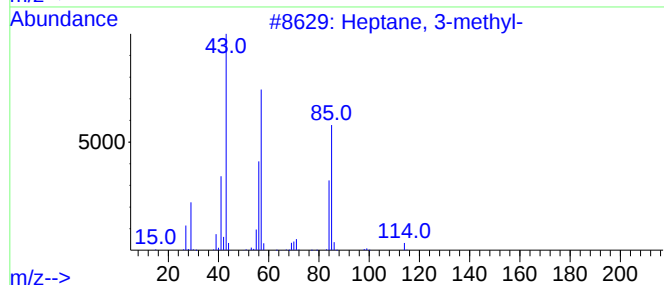
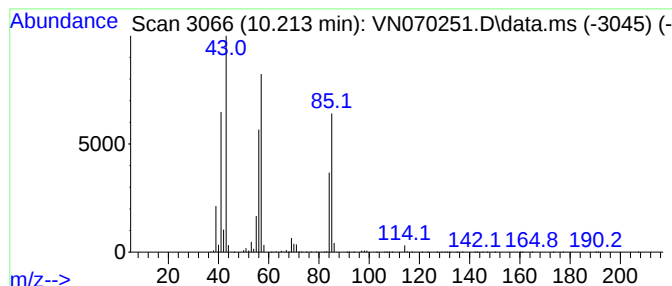
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.213	80.34 ug/l	10372200	1,4-Difluorobenzene	8.965

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	78
3			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

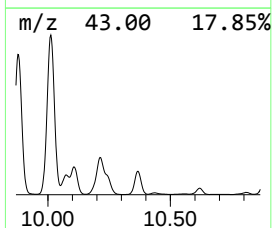
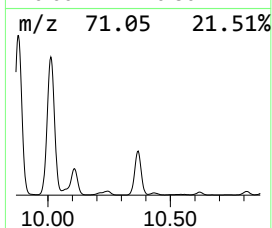
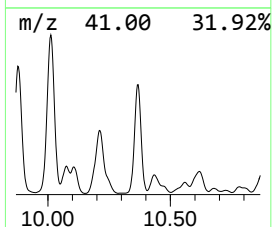
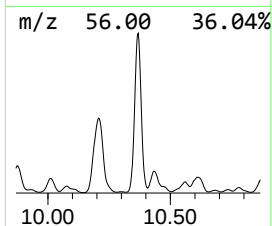
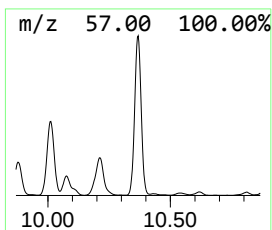
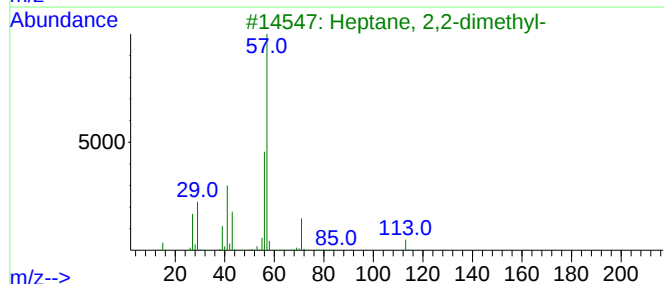
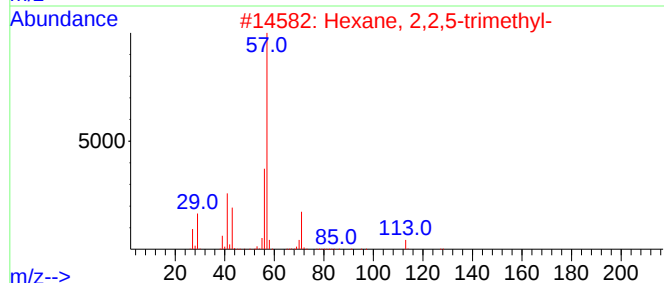
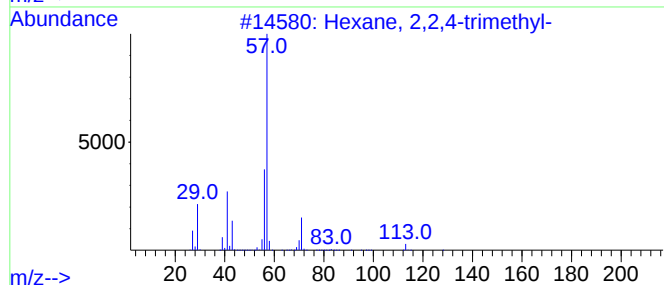
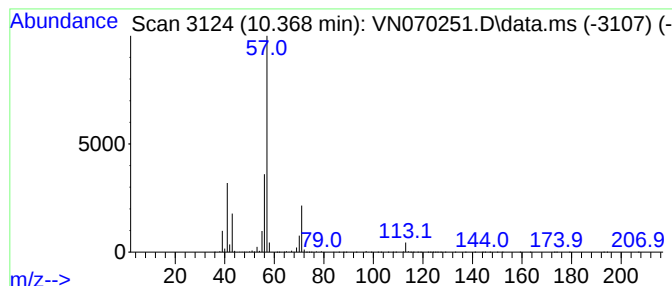
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexane, 2,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.368	53.73 ug/l	12911700	Chlorobenzene-d5	11.744

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	90
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

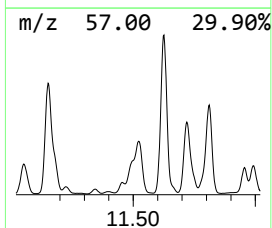
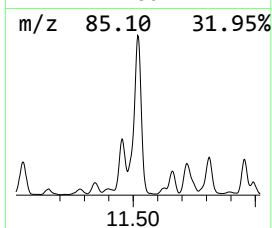
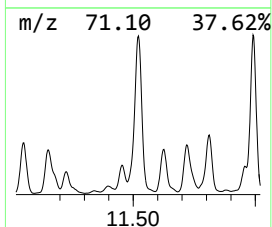
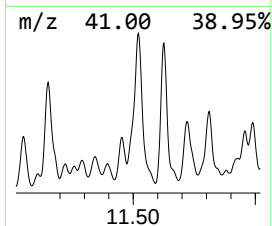
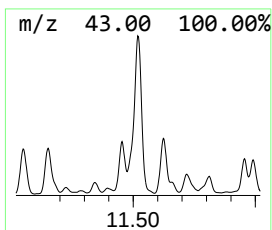
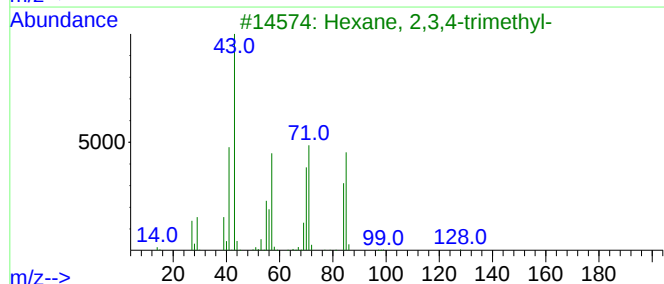
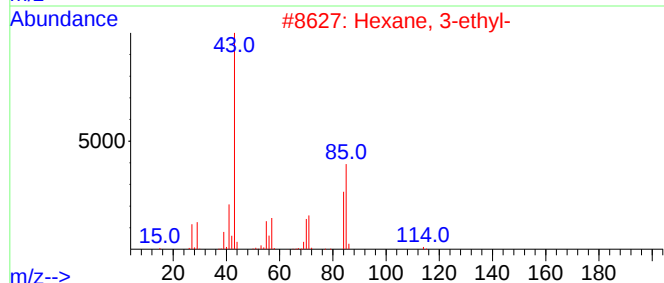
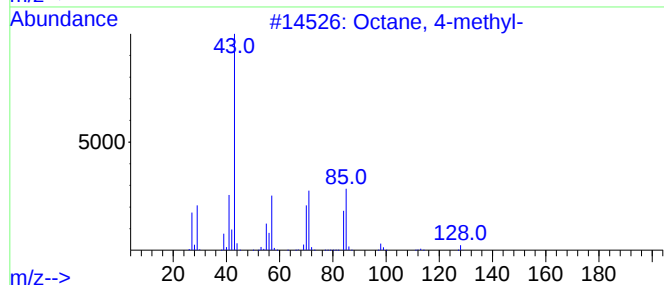
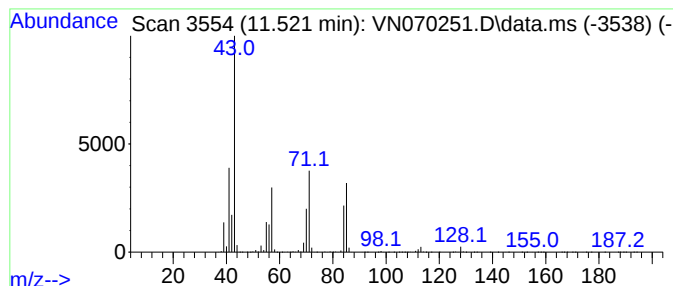
Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.521	50.16 ug/l	12053900	Chlorobenzene-d5		11.744	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-		128	C9H20	002216-34-4	91
2	Hexane, 3-ethyl-		114	C8H18	000619-99-8	64
3	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	59
4	Hexane, 2,3,5-trimethyl-		128	C9H20	001069-53-0	58
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

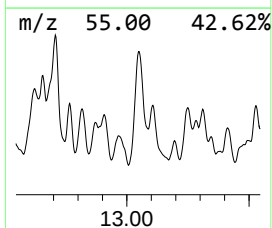
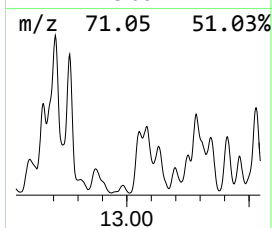
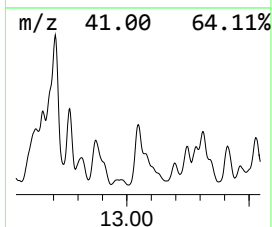
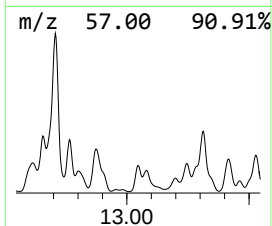
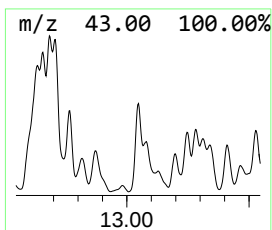
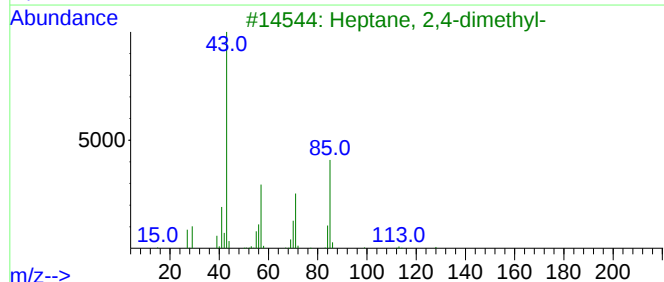
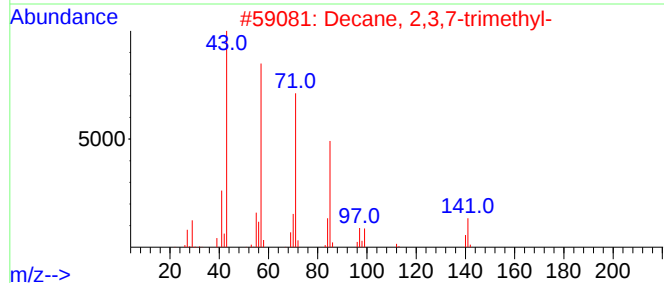
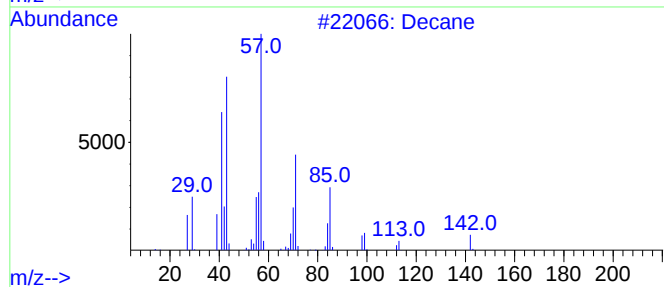
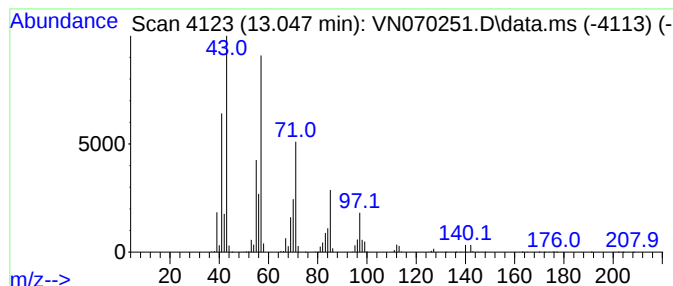
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.047	34.20 ug/l	7693750	1,4-Dichlorobenzene-d4	13.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	87
2			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4			Undecane	156	C11H24	001120-21-4	64
5			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

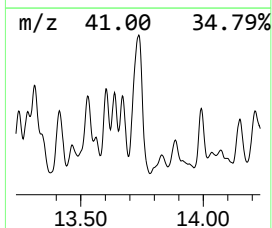
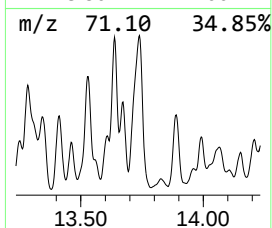
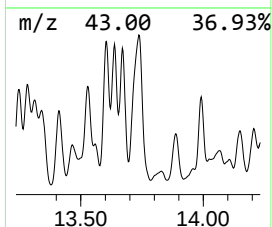
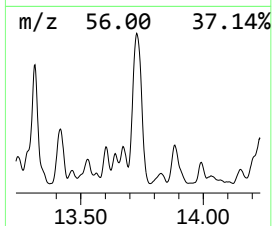
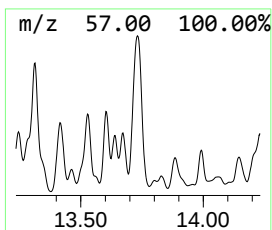
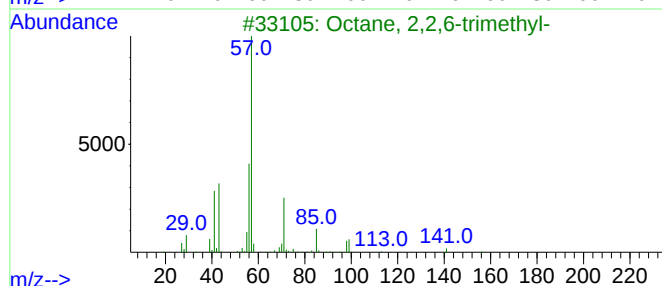
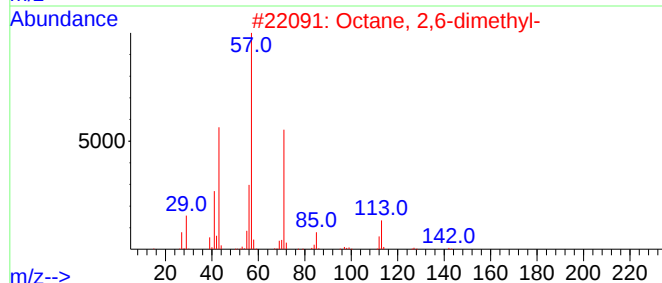
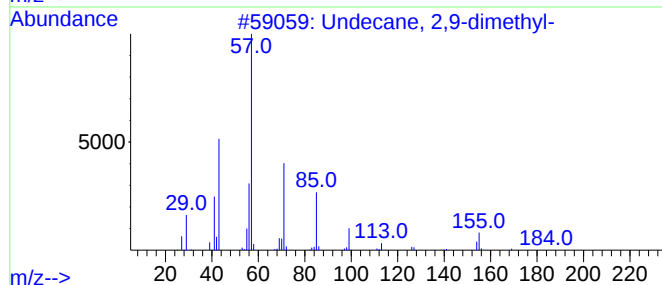
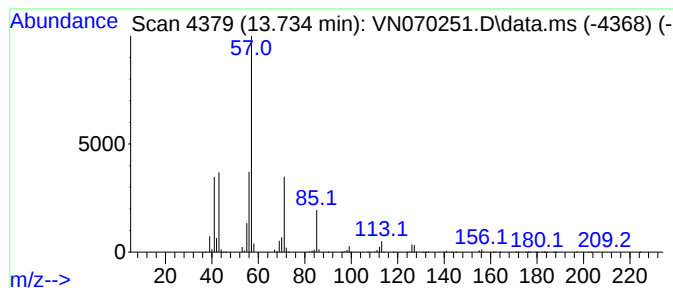
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Undecane, 2,9-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.734	41.80 ug/l	9402950	1,4-Dichlorobenzene-d4	13.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

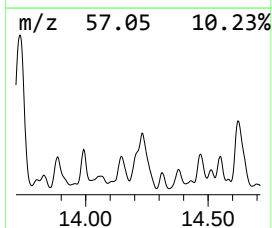
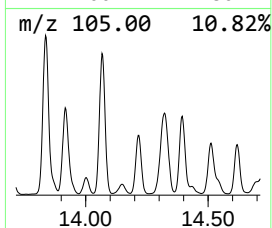
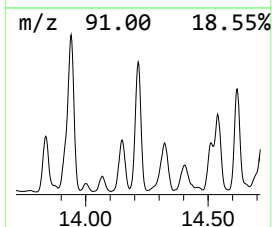
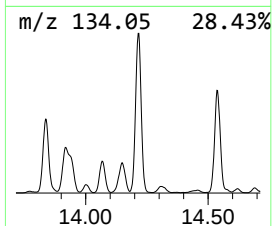
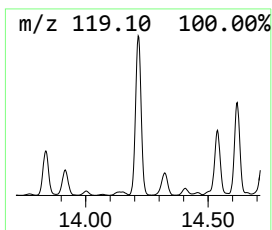
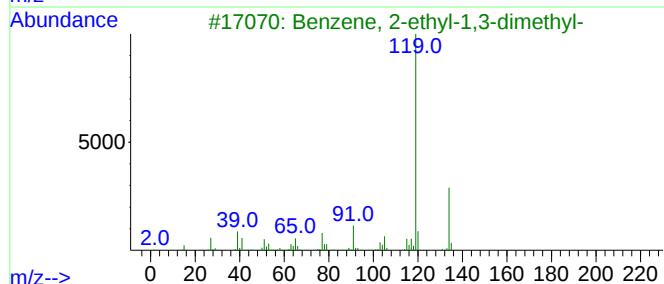
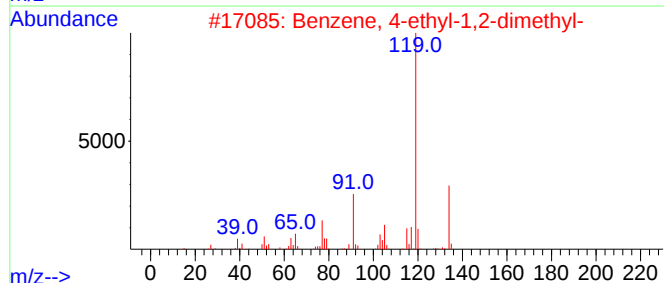
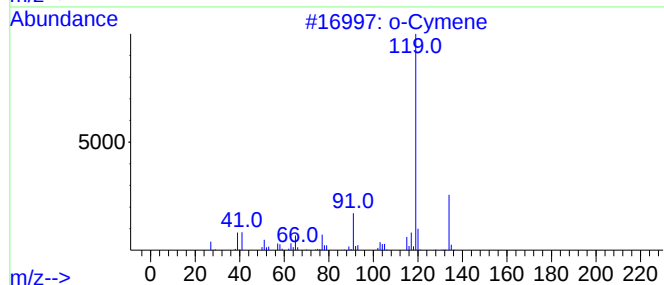
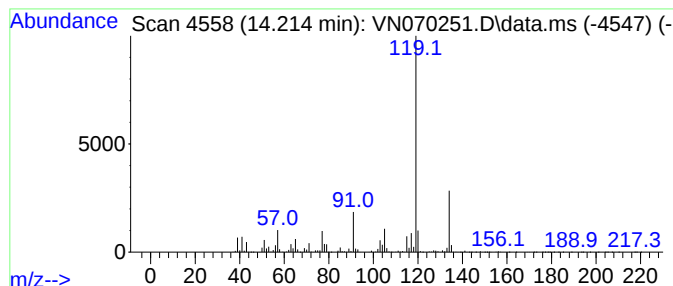
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	50.40 ug/l	11337700	1,4-Dichlorobenzene-d4	13.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

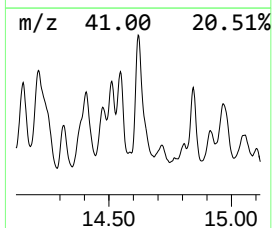
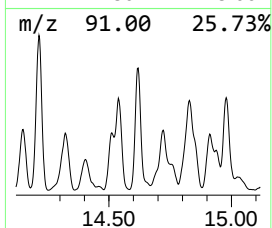
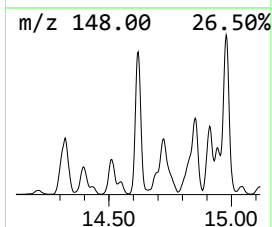
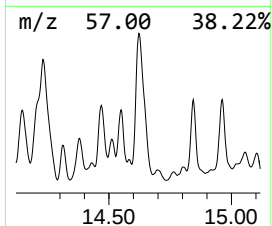
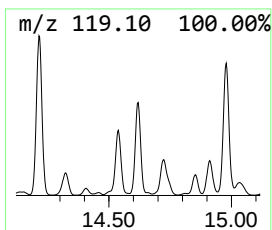
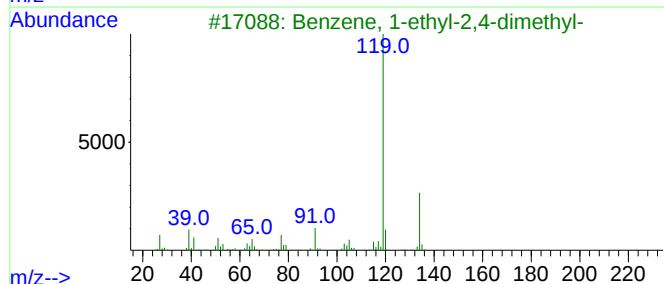
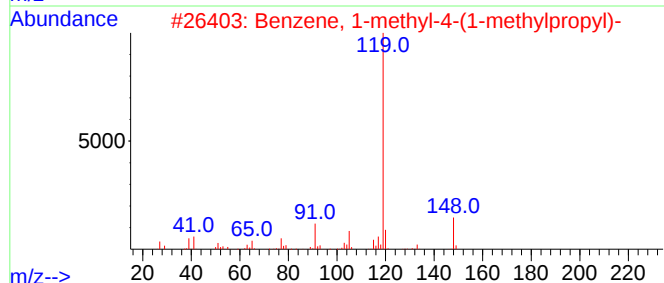
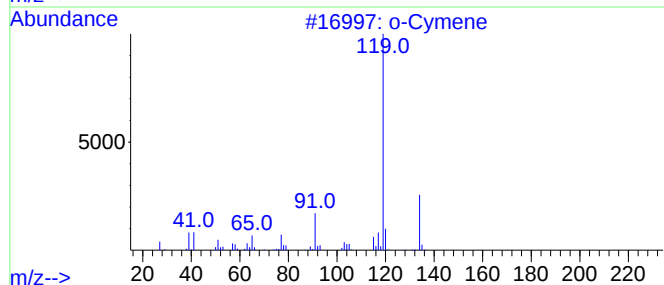
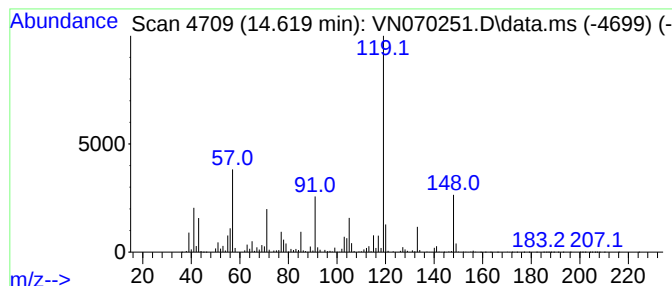
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.619	34.84 ug/l	7838090	1,4-Dichlorobenzene-d4	13.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	87
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
5			p-Cymene	134	C10H14	000099-87-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070251.D
Acq On : 20 Dec 2021 19:43
Operator : JC/MD
Sample : M5044-04
Misc : 5.64g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DA-4-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,4-di...	7.026	79.4	ug/l	2830170	1	8.080	1781470	50.0
Pentane, 2,3-di...	8.163	198.0	ug/l	7055960	1	8.080	1781470	50.0
Hexane, 3-methyl-	8.287	174.7	ug/l	6225650	1	8.080	1781470	50.0
Pentane, 2,2,4-...	8.606	245.8	ug/l	31738000	2	8.965	6455130	50.0
Hexane, 2,5-dim...	9.451	75.3	ug/l	9725180	2	8.965	6455130	50.0
Hexane, 2,4-dim...	9.507	53.7	ug/l	6927160	2	8.965	6455130	50.0
Pentane, 2,3,4-...	9.877	164.5	ug/l	21233600	2	8.965	6455130	50.0
Pentane, 2,3,3-...	10.011	212.5	ug/l	27428800	2	8.965	6455130	50.0
Heptane, 3-methyl-	10.213	80.3	ug/l	10372200	2	8.965	6455130	50.0
Hexane, 2,2,4-t...	10.368	53.7	ug/l	12911700	3	11.744	12015300	50.0
Octane, 4-methyl-	11.521	50.2	ug/l	12053900	3	11.744	12015300	50.0
Decane	13.047	34.2	ug/l	7693750	4	13.675	11247500	50.0
Undecane, 2,9-d...	13.734	41.8	ug/l	9402950	4	13.675	11247500	50.0
o-Cymene	14.214	50.4	ug/l	11337700	4	13.675	11247500	50.0
Benzene, 1-meth...	14.619	34.8	ug/l	7838090	4	13.675	11247500	50.0