

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059646.D
 Acq On : 31 Jul 2018 4:22
 Operator : VA/AP
 Sample : J4218-07
 Misc : 7.00g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15-D

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_D\METHOD\82D072418S.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	4.536	428	438	457	rBV	2230716	8371074	18.96%	1.473%
2	5.726	545	559	582	rVB	4112393	17803042	40.32%	3.133%
3	6.316	598	619	623	rBV	6318122	44155451	100.00%	7.769%
4	6.690	651	657	664	rBV	201012	507683	1.15%	0.089%
5	7.369	717	726	727	rVV	1993547	6655527	15.07%	1.171%
6	7.438	729	733	737	rVV	3073759	10676193	24.18%	1.879%
7	7.517	737	741	752	rVB	2217773	6819605	15.44%	1.200%
8	7.694	752	759	773	rVB3	247504	1067446	2.42%	0.188%
9	8.008	773	791	796	rBV2	5707793	42890919	97.14%	7.547%
10	8.195	796	810	819	rVB2	6276670	39627241	89.74%	6.973%
11	8.402	824	831	837	rBV	1463435	3818712	8.65%	0.672%
12	8.746	853	866	870	rBV	6090739	32781373	74.24%	5.768%
13	8.913	878	883	886	rBV	268718	648812	1.47%	0.114%
14	9.218	908	914	919	rBV4	402160	1161998	2.63%	0.204%
15	9.317	919	924	928	rBV2	620142	1903119	4.31%	0.335%
16	9.484	934	941	949	rVB	3954481	11952795	27.07%	2.103%
17	9.602	949	953	959	rVB2	250171	605445	1.37%	0.107%
18	9.759	964	969	978	rVB	595529	1664757	3.77%	0.293%
19	9.927	978	986	996	rBV	1461395	5370121	12.16%	0.945%
20	10.133	1003	1007	1011	rBV	608247	1512767	3.43%	0.266%
21	10.202	1011	1014	1016	rBV	257191	506049	1.15%	0.089%
22	10.438	1033	1038	1049	rVB	1011407	3211645	7.27%	0.565%
23	10.694	1054	1064	1067	rBV2	1300496	4174193	9.45%	0.734%
24	10.802	1067	1075	1082	rVV	4483733	23996923	54.35%	4.222%
25	10.930	1082	1088	1093	rVB	5765261	19707473	44.63%	3.468%
26	11.147	1104	1110	1115	rVB	5468414	17529145	39.70%	3.084%
27	11.225	1115	1118	1123	rBV2	283649	589648	1.34%	0.104%
28	11.314	1123	1127	1130	rBV	1914798	4569928	10.35%	0.804%
29	11.392	1130	1135	1141	rVB4	4509122	17200852	38.96%	3.027%
30	11.481	1141	1144	1148	rVB	595762	1317491	2.98%	0.232%
31	11.570	1148	1153	1156	rBV2	2969770	7815794	17.70%	1.375%
32	11.688	1161	1165	1173	rVB2	910505	2923528	6.62%	0.514%
33	11.855	1178	1182	1185	rBV2	432179	811185	1.84%	0.143%
34	12.032	1187	1200	1204	rBV	7142778	33500948	75.87%	5.895%

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35	12.120	1204	1209	1210	rBV	3484736	8767857	19.86%	1.543%
36	12.179	1210	1215	1217	rVB	2304817	4784285	10.84%	0.842%
37	12.219	1217	1219	1224	rVB	3558659	7118650	16.12%	1.253%
38	12.278	1224	1225	1229	rVB3	1201245	1473507	3.34%	0.259%
39	12.396	1229	1237	1239	rBV4	4914197	16232484	36.76%	2.856%
40	12.445	1239	1242	1247	rVB	3396114	7110676	16.10%	1.251%
41	12.534	1247	1251	1253	rBV4	2766062	6911205	15.65%	1.216%
42	12.583	1253	1256	1258	rBV	1912361	3628941	8.22%	0.639%
43	12.652	1258	1263	1269	rVB2	5254652	16970876	38.43%	2.986%
44	12.750	1269	1273	1277	rBV	3585492	8772790	19.87%	1.544%
45	12.839	1277	1282	1287	rBV2	5607651	17462148	39.55%	3.073%
46	12.907	1287	1289	1292	rBV2	1023725	1647765	3.73%	0.290%
47	12.966	1292	1295	1297	rBV	2426577	4742982	10.74%	0.835%
48	13.025	1297	1301	1303	rBV	4132182	11574536	26.21%	2.037%
49	13.144	1308	1313	1315	rVV2	2337381	6694622	15.16%	1.178%
50	13.193	1315	1318	1323	rVV2	4753131	14247556	32.27%	2.507%
51	13.301	1326	1329	1331	rVV	2914080	5249422	11.89%	0.924%
52	13.350	1331	1334	1340	rVV2	3391904	7452320	16.88%	1.311%
53	13.448	1340	1344	1346	rVV3	1418805	3769296	8.54%	0.663%
54	13.488	1346	1348	1349	rVV	1565432	2495928	5.65%	0.439%
55	13.517	1349	1351	1357	rVV	3360148	7042666	15.95%	1.239%
56	13.626	1359	1362	1366	rVV3	1665268	3583398	8.12%	0.631%
57	13.694	1366	1369	1371	rVB3	1256208	2059944	4.67%	0.362%
58	13.793	1376	1379	1381	rVV2	2036214	4298613	9.74%	0.756%
59	13.852	1381	1385	1389	rVV4	2971148	10109823	22.90%	1.779%
60	13.901	1389	1390	1394	rVV2	965733	2199921	4.98%	0.387%
61	13.999	1398	1400	1404	rVV	675143	1399245	3.17%	0.246%
62	14.078	1404	1408	1412	rVV2	525504	1541229	3.49%	0.271%
63	14.137	1412	1414	1417	rVV4	218093	523204	1.18%	0.092%
64	14.206	1419	1421	1426	rVV2	281671	604268	1.37%	0.106%

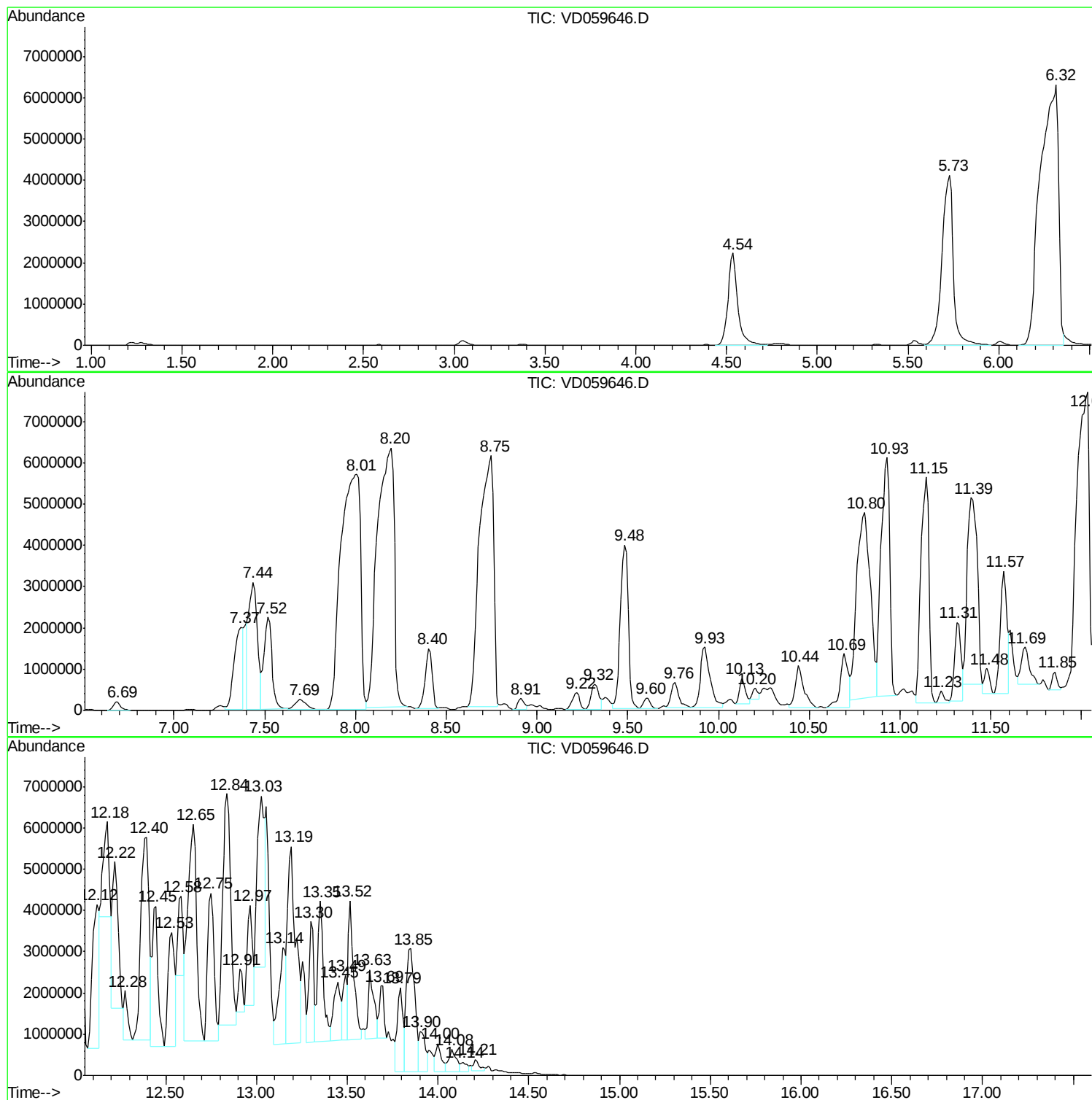
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260

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



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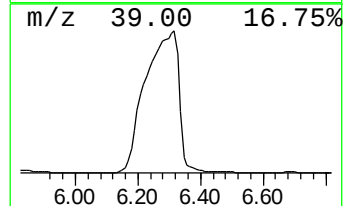
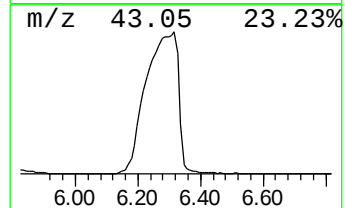
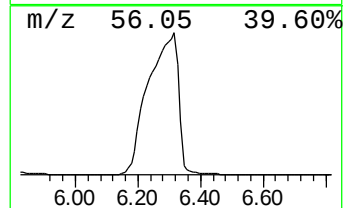
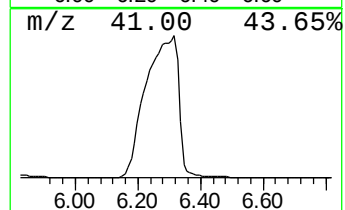
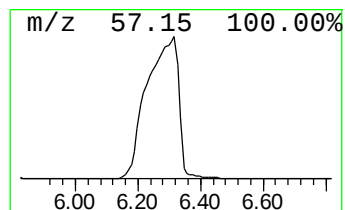
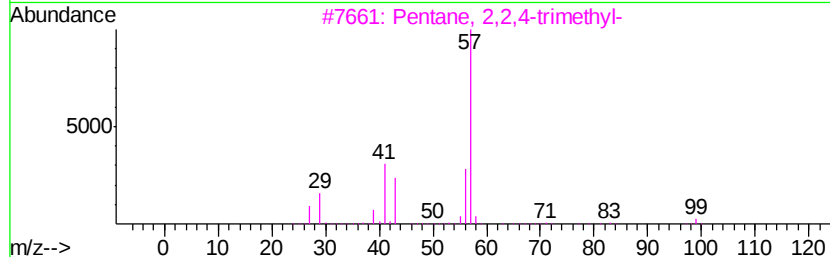
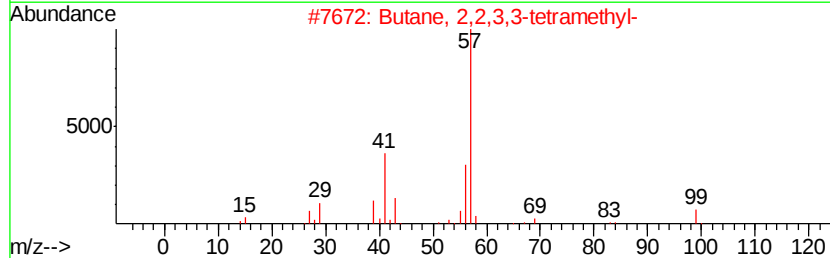
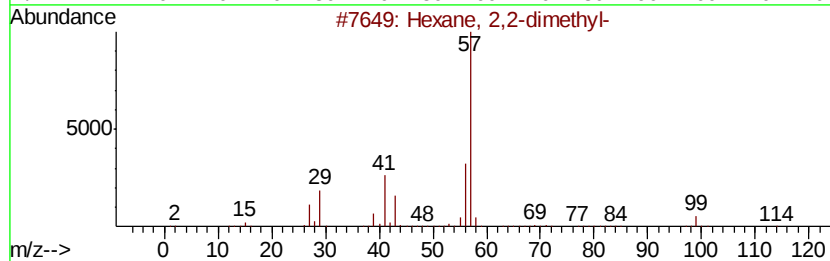
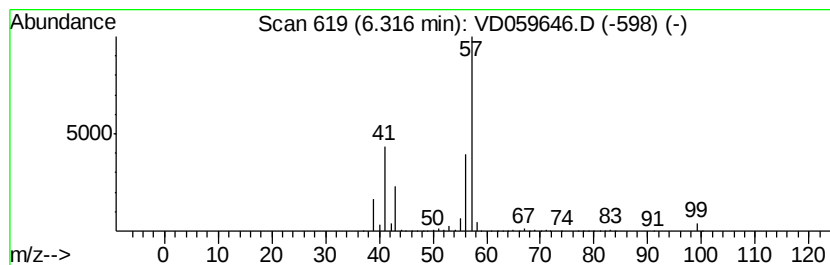
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260

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

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	4348.72 ug/l	44155500	1,4-Difluorobenzene	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	74
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	56
5		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50



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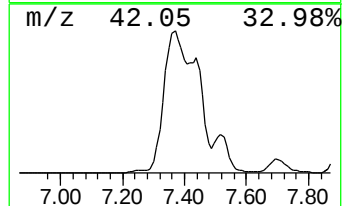
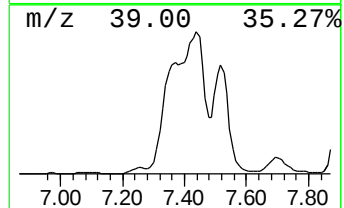
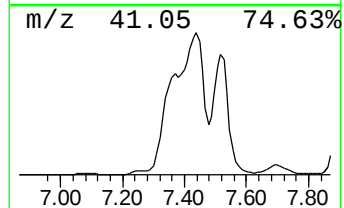
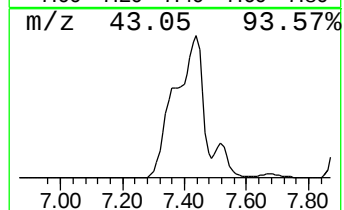
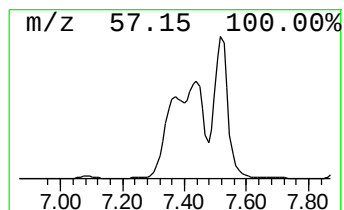
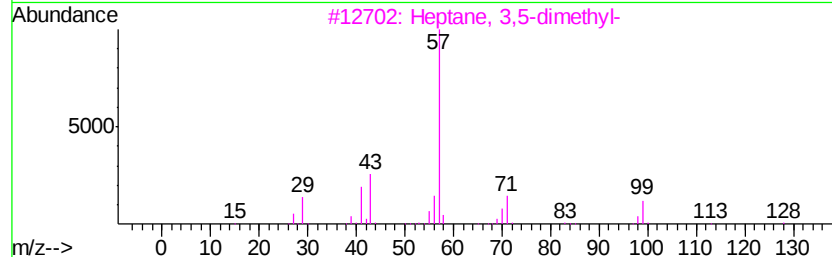
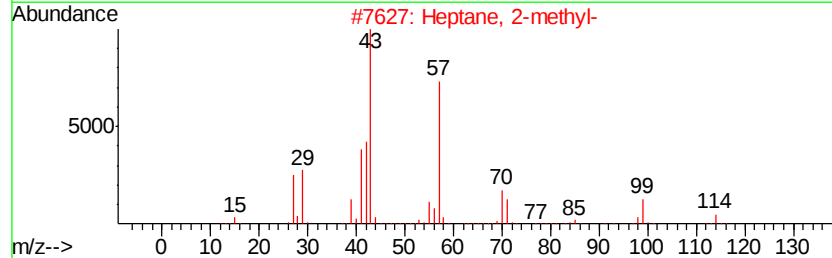
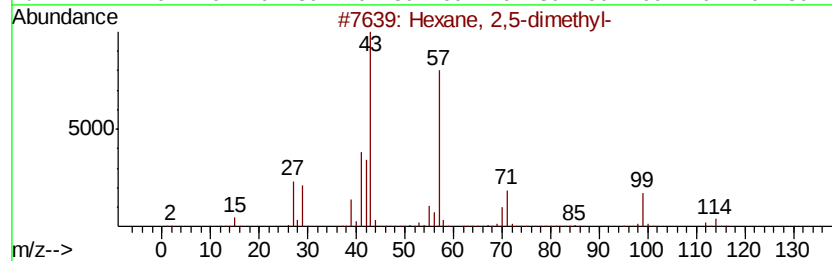
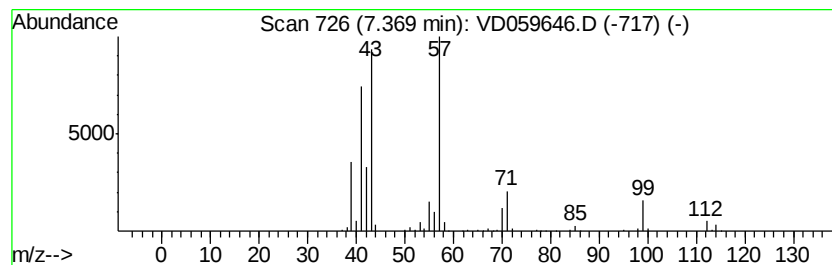
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexane, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	655.48 ug/l	6655530	1,4-Difluorobenzene	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	52
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
4		2-Isopropyl-4H-oxazol-5-one	127	C6H9NO2	1000190-01-9	43
5		(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	43



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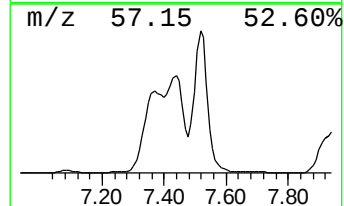
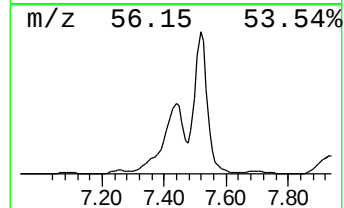
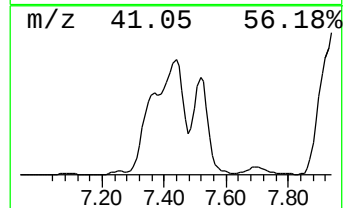
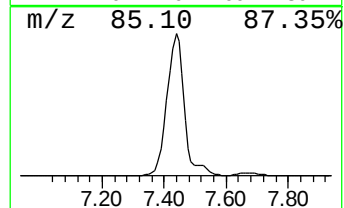
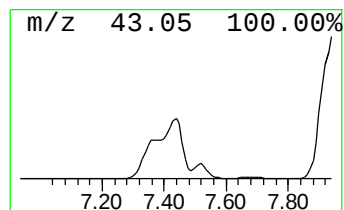
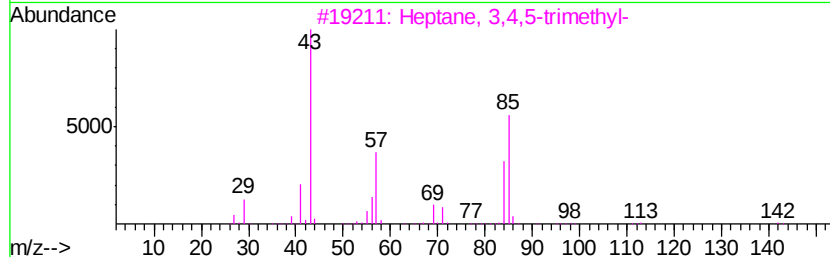
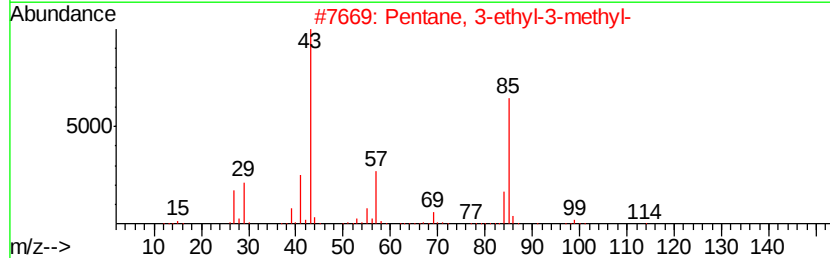
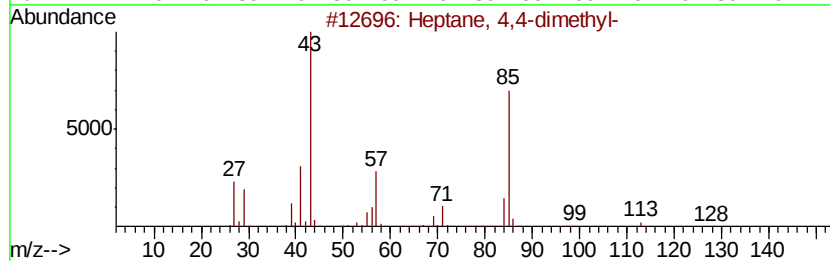
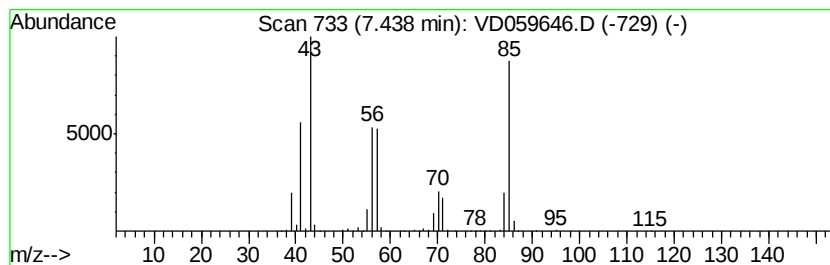
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Quant Title : SW846 8260

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

Peak Number 3 Heptane, 4,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	1051.46 ug/l	10676200	1,4-Difluorobenzene	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53
2		Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	50
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	50
4		Hexane, 2-methyl-	100	C7H16	000591-76-4	50
5		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50



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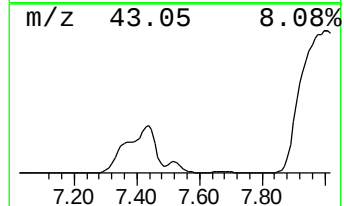
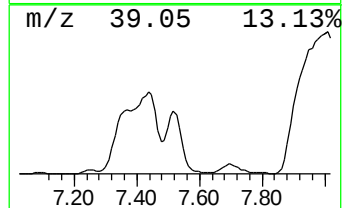
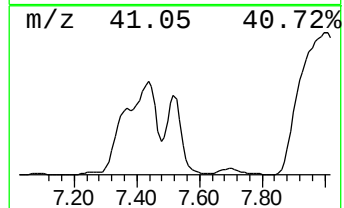
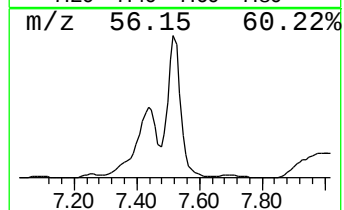
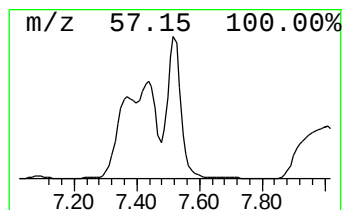
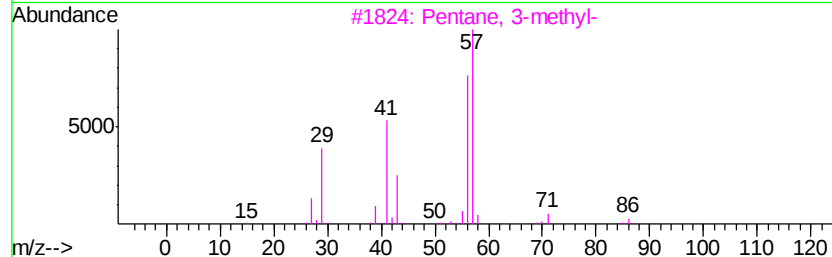
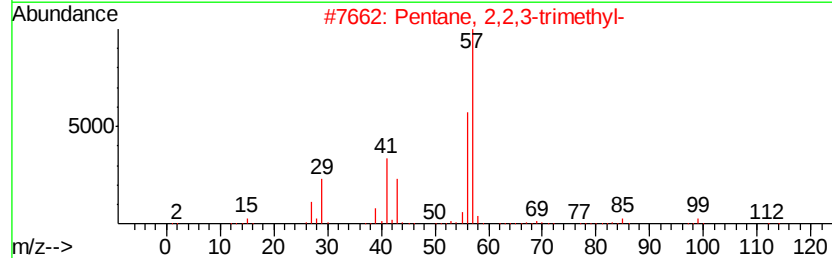
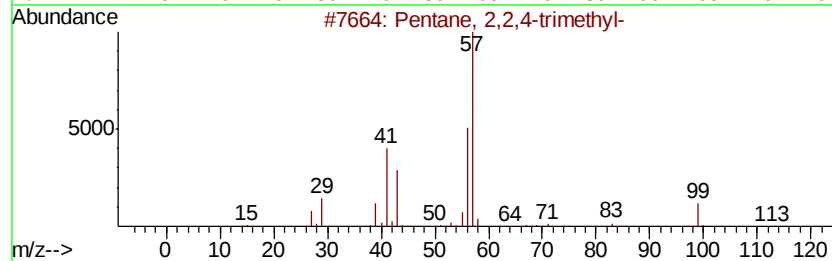
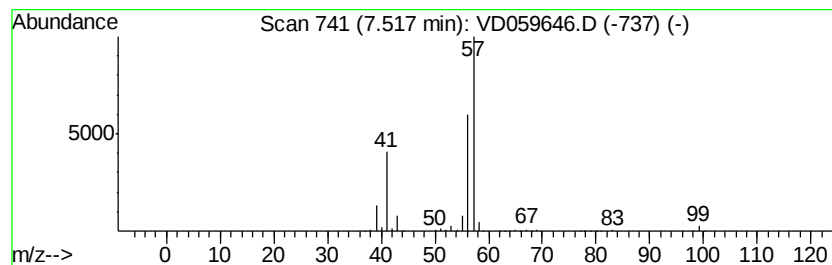
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Pentane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	671.64 ug/l	6819610	1,4-Difluorobenzene	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	40
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	40
5		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	38



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Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

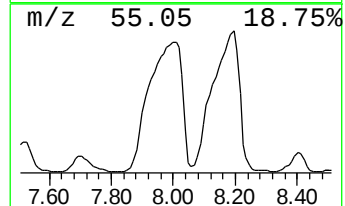
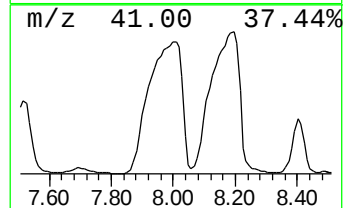
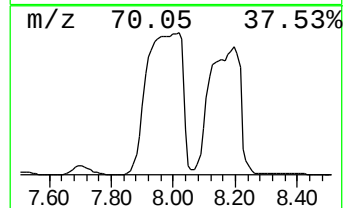
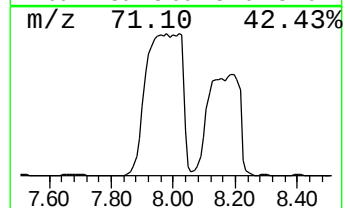
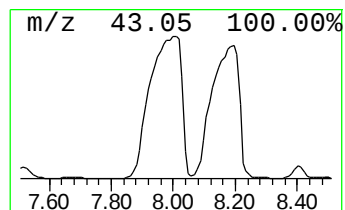
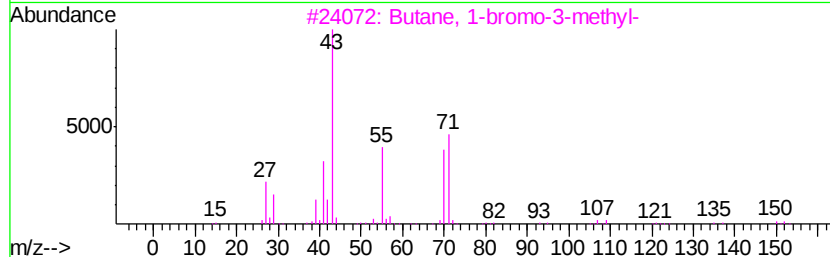
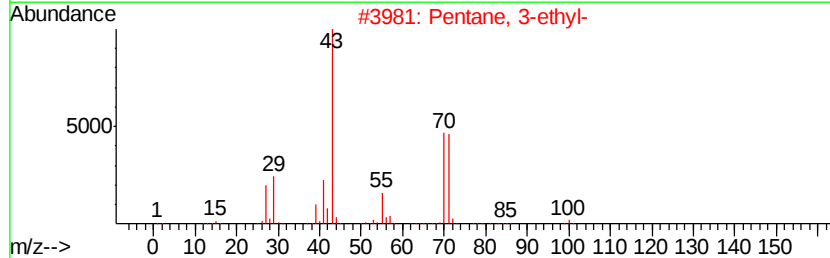
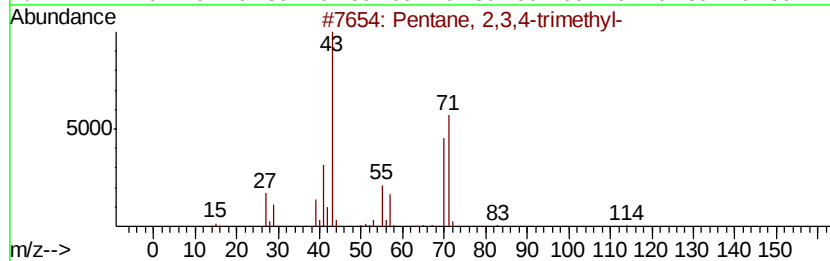
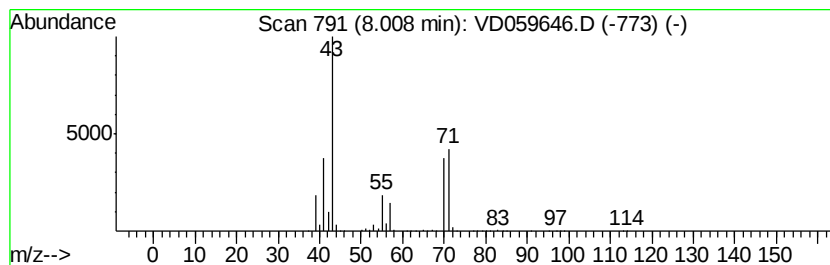
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	4224.18 ug/l	42890900	1,4-Difluorobenzene	6.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90	
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83	
3	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	56	
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	45	
5	Pentane, 2-nitro-	117	C5H11NO2	004609-89-6	45	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

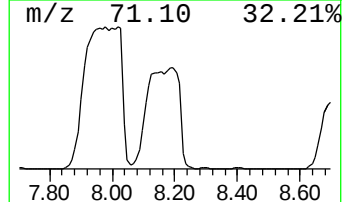
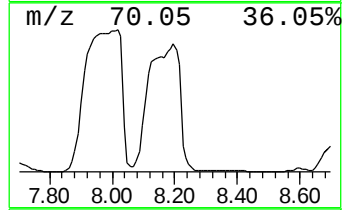
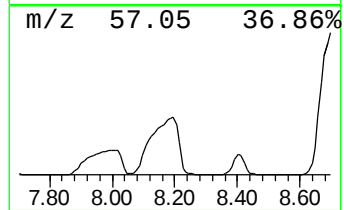
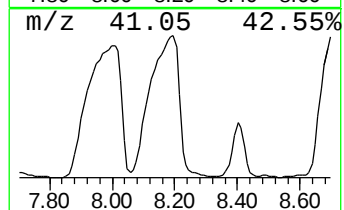
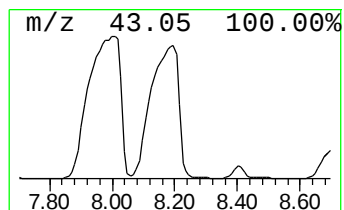
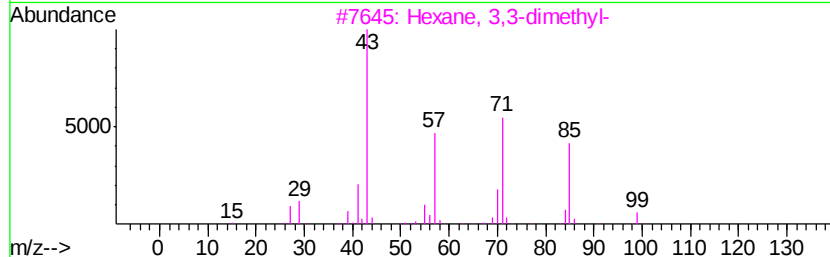
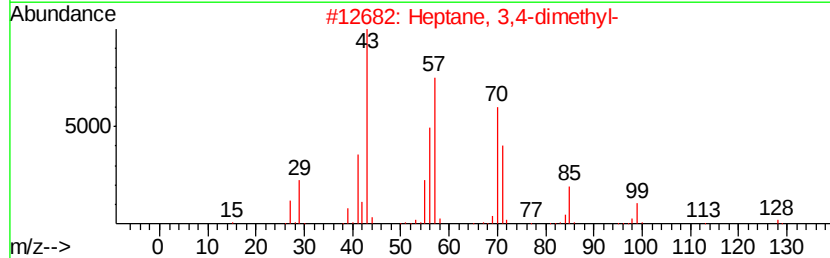
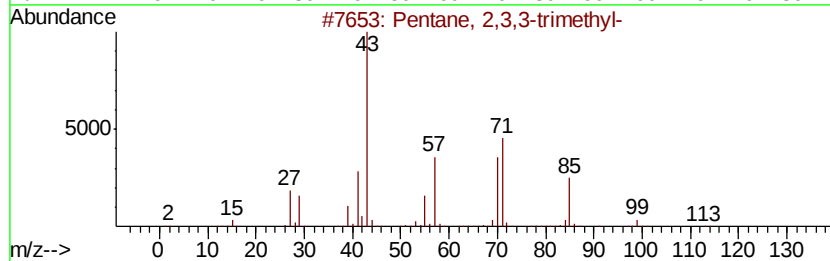
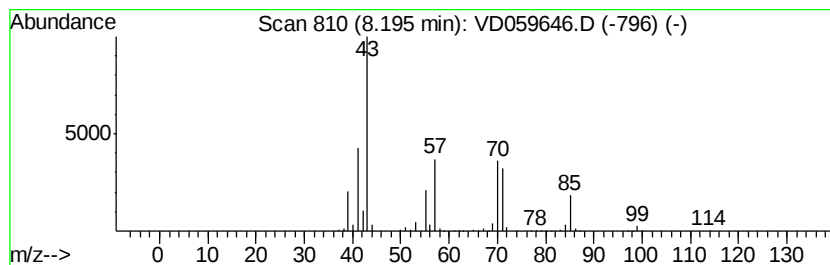
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Quant Title : SW846 8260

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

Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3902.75 ug/l	39627200	1,4-Difluorobenzene	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	74
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	59
5		Octane	114	C8H18	000111-65-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

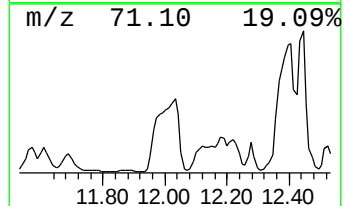
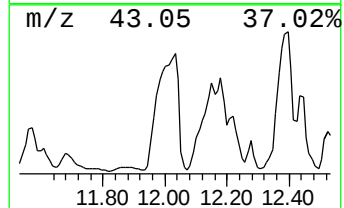
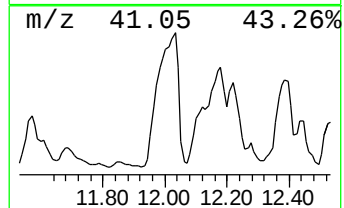
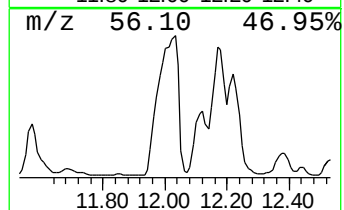
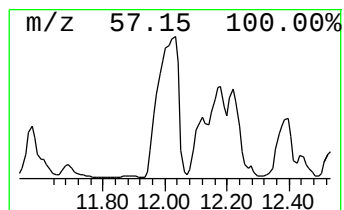
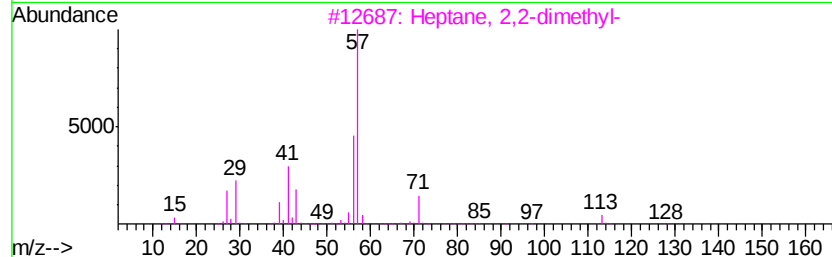
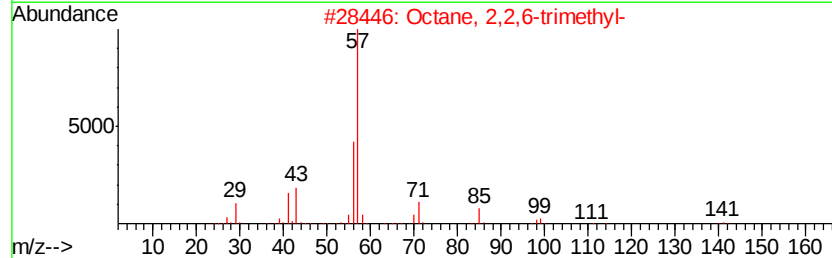
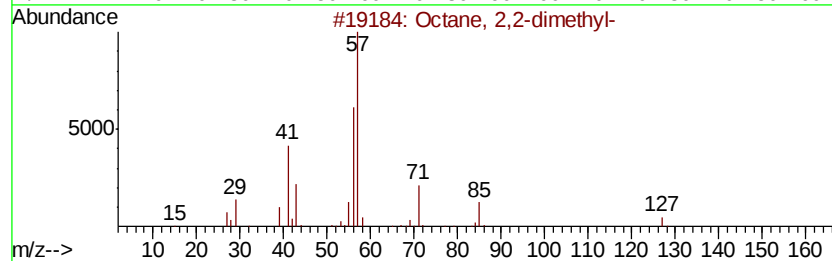
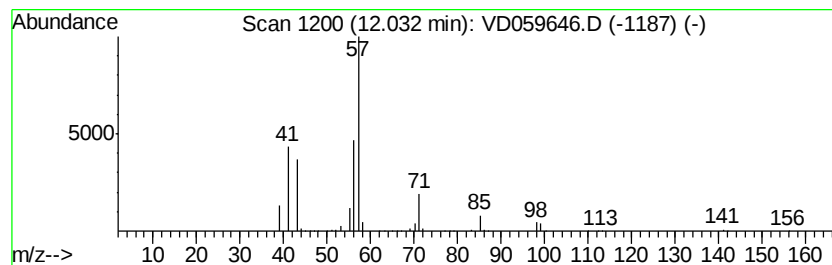
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Quant Title : SW846 8260

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

Peak Number 7 Octane, 2,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	1016.56 ug/l	33500900	1,4-Dichlorobenzene-d4	12.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	72
2		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

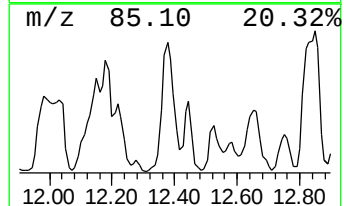
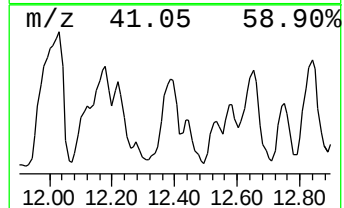
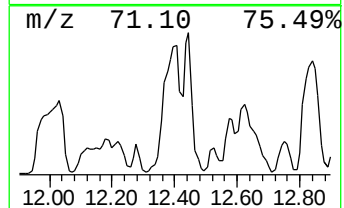
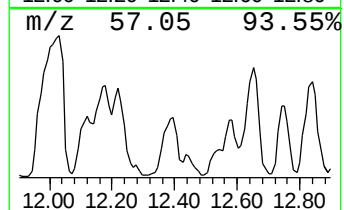
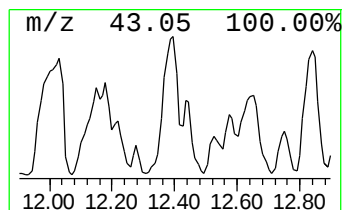
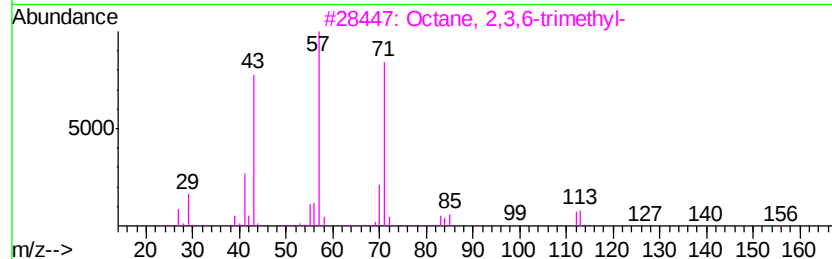
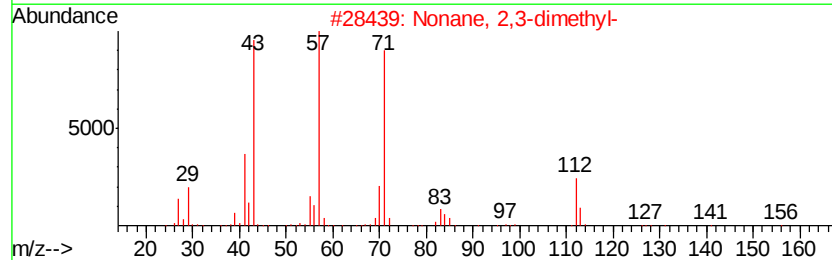
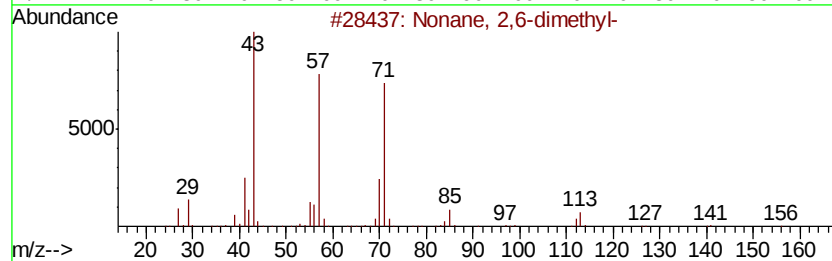
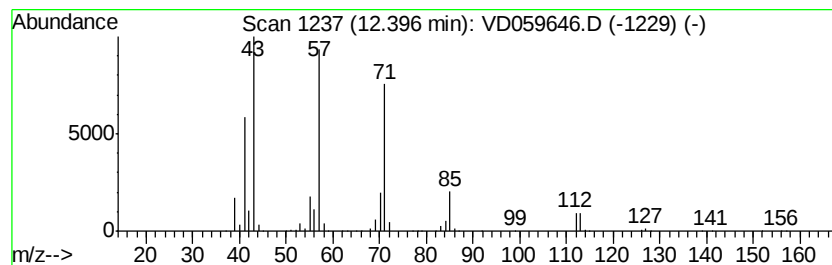
Instrument :
MSVOA_D
ClientSampled :
TP-15-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260

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

Peak Number 8 Nonane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	492.56 ug/l	16232500	1,4-Dichlorobenzene-d4	12.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	90
2	Nonane, 2,3-dimethyl-	156 C11H24	002884-06-2	87
3	Octane, 2,3,6-trimethyl-	156 C11H24	062016-33-5	86
4	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	80
5	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

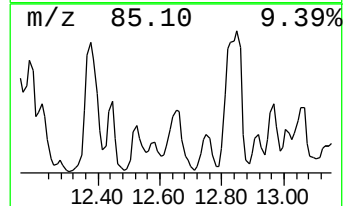
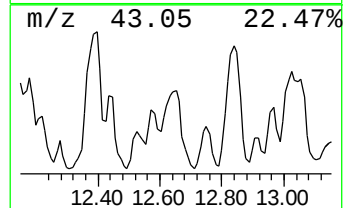
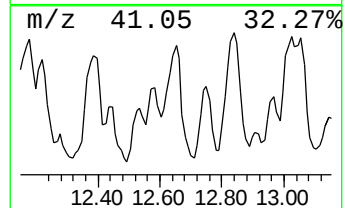
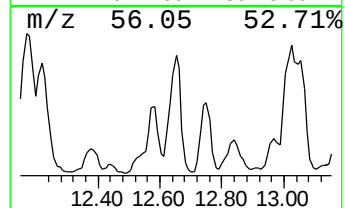
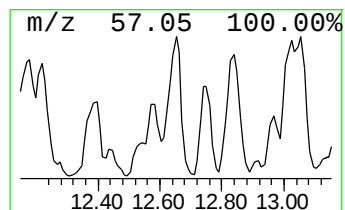
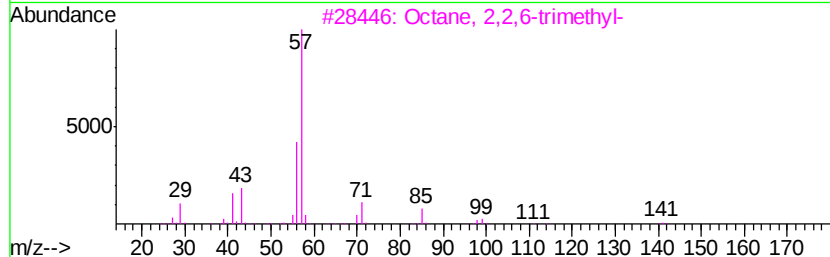
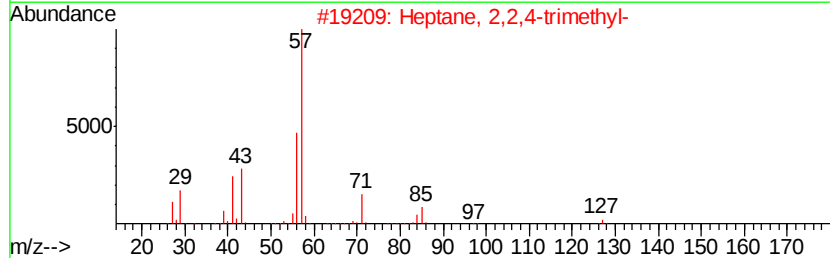
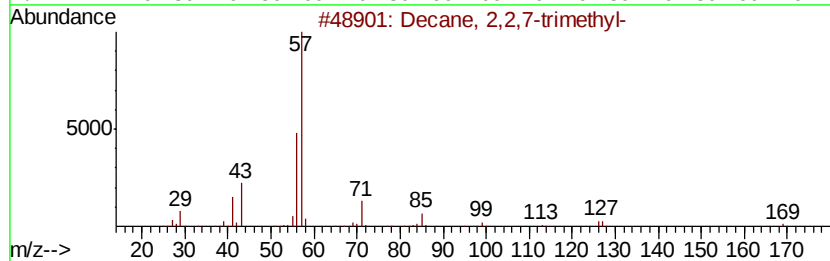
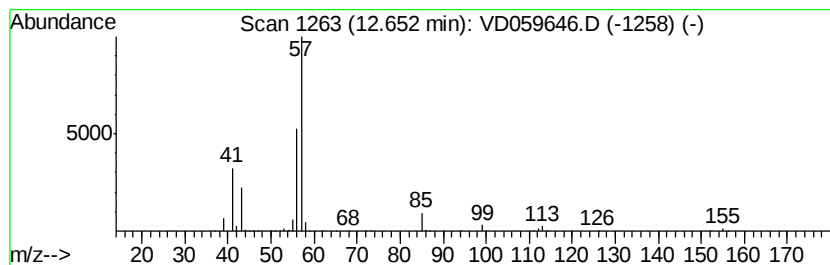
Instrument :
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ClientSampleId :
TP-15-D

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260

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

Peak Number 9 Decane, 2,2,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	514.97 ug/l	16970900	1,4-Dichlorobenzene-d4	12.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,2,7-trimethyl-	184 C13H28	062237-99-4	78
2	Heptane, 2,2,4-trimethyl-	142 C10H22	014720-74-2	78
3	Octane, 2,2,6-trimethyl-	156 C11H24	062016-28-8	78
4	Tetradecane, 2,2-dimethyl-	226 C16H34	059222-86-5	78
5	Octane, 2,2-dimethyl-	142 C10H22	015869-87-1	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00µl/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

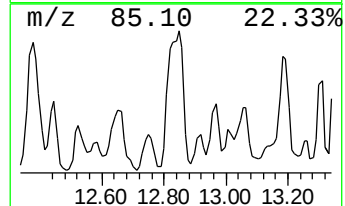
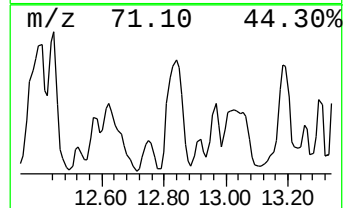
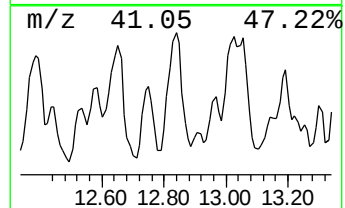
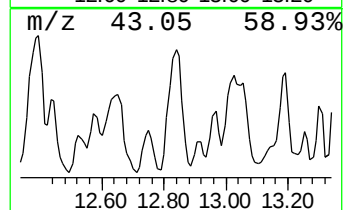
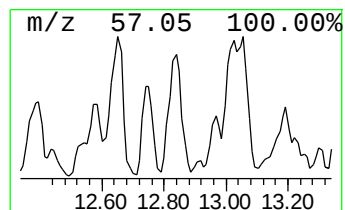
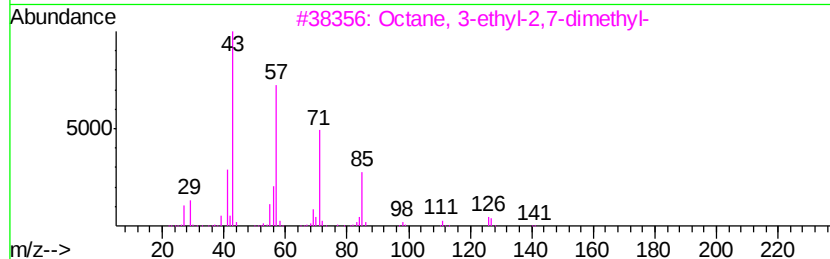
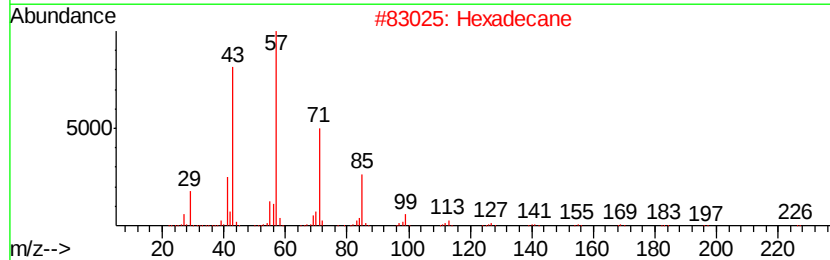
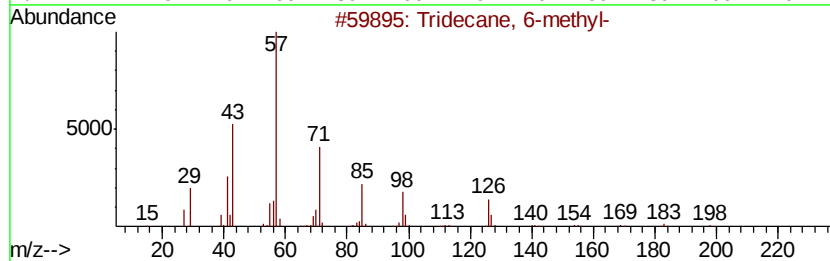
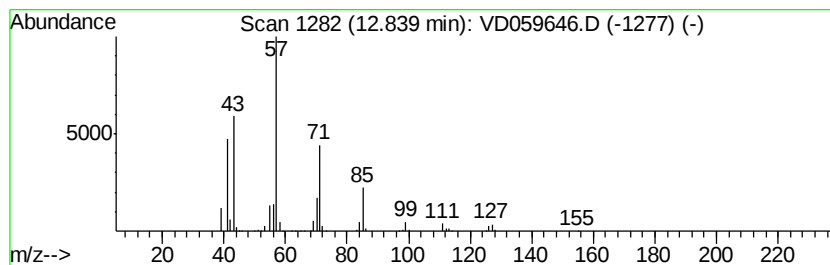
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	529.87 ug/l	17462100	1,4-Dichlorobenzene-d4	12.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
2		Hexadecane	226	C16H34	000544-76-3	72
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD073018\
Data File : VD059646.D
Acq On : 31 Jul 2018 4:22
Operator : VA/AP
Sample : J4218-07
Misc : 7.00g/5ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-15-D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.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
Hexane, 2,2-dimet...	6.32	4348.7	ug/l	44155500	2	6.69	507683	50.0
Hexane, 2,5-dimet...	7.37	655.5	ug/l	6655530	2	6.69	507683	50.0
Heptane, 4,4-dime...	7.44	1051.5	ug/l	10676200	2	6.69	507683	50.0
Pentane, 2,2,4-tr...	7.52	671.6	ug/l	6819610	2	6.69	507683	50.0
Pentane, 2,3,4-tr...	8.01	4224.2	ug/l	42890900	2	6.69	507683	50.0
Pentane, 2,3,3-tr...	8.20	3902.8	ug/l	39627200	2	6.69	507683	50.0
Octane, 2,2-dimet...	12.03	1016.6	ug/l	33500900	4	12.92	1647770	50.0
Nonane, 2,6-dimet...	12.40	492.6	ug/l	16232500	4	12.92	1647770	50.0
Decane, 2,2,7-tri...	12.65	515.0	ug/l	16970900	4	12.92	1647770	50.0
Tridecane, 6-methyl-	12.84	529.9	ug/l	17462100	4	12.92	1647770	50.0