

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059702.D
 Acq On : 7 Aug 2018 13:55
 Operator : VA/AP
 Sample : J4297-06
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

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\82D080618S.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	1.206	96	100	103	rBV	385087	847608	4.77%	0.341%
2	1.265	103	106	126	rVB	334497	968587	5.45%	0.390%
3	5.534	534	540	544	rBV	100441	273878	1.54%	0.110%
4	5.623	544	549	565	rVB	175023	497271	2.80%	0.200%
5	6.006	582	588	598	rBV	82037	213337	1.20%	0.086%
6	6.675	651	656	664	rBV	225328	554359	3.12%	0.223%
7	7.266	708	716	725	rBV6	46467	211442	1.19%	0.085%
8	8.692	853	861	865	rBV2	471415	1309151	7.37%	0.527%
9	8.751	865	867	877	rVB2	204506	464281	2.61%	0.187%
10	8.928	877	885	889	rBV	127680	543244	3.06%	0.219%
11	9.204	906	913	922	rVB4	433566	1403558	7.90%	0.565%
12	9.361	922	929	934	rBV2	236757	661245	3.72%	0.266%
13	9.450	934	938	941	rBV2	91676	221596	1.25%	0.089%
14	9.587	948	952	958	rVB	221628	546637	3.08%	0.220%
15	9.745	958	968	978	rBV	795173	2319298	13.05%	0.934%
16	9.902	978	984	987	rBV	512724	1603218	9.02%	0.646%
17	10.030	993	997	1001	rVB	539716	1320828	7.43%	0.532%
18	10.118	1001	1006	1011	rBV	2197440	5845451	32.89%	2.355%
19	10.197	1011	1014	1019	rVB3	546519	1318372	7.42%	0.531%
20	10.296	1019	1024	1028	rBV	312194	831188	4.68%	0.335%
21	10.374	1028	1032	1035	rBV	727871	1673419	9.42%	0.674%
22	10.433	1035	1038	1048	rVB	1712074	4390270	24.70%	1.769%
23	10.630	1053	1058	1061	rBV2	378696	1085790	6.11%	0.437%
24	10.679	1061	1063	1068	rVB3	409945	913731	5.14%	0.368%
25	10.778	1068	1073	1079	rVB3	532938	1625796	9.15%	0.655%
26	10.886	1079	1084	1088	rBV	1215584	2962023	16.67%	1.193%
27	10.994	1088	1095	1098	rBV	2408591	7212807	40.58%	2.906%
28	11.053	1098	1101	1104	rVB2	2525622	4852857	27.30%	1.955%
29	11.112	1104	1107	1113	rVB	2238771	4749656	26.72%	1.913%
30	11.210	1113	1117	1122	rBV	1645479	3811518	21.45%	1.535%
31	11.299	1122	1126	1128	rBV2	379917	822994	4.63%	0.332%
32	11.368	1128	1133	1140	rBV4	4346681	15033808	84.59%	6.056%
33	11.476	1140	1144	1148	rBV2	1937932	4695392	26.42%	1.892%
34	11.574	1148	1154	1155	rBV3	2566564	6422333	36.14%	2.587%

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35	11.624	1155	1159	1162	rVB2	3491349	8969743	50.47%	3.614%
36	11.692	1162	1166	1168	rBV3	3320852	8852782	49.81%	3.566%
37	11.801	1174	1177	1180	rVB2	2120246	3855435	21.69%	1.553%
38	11.860	1180	1183	1185	rBV2	2851104	7149732	40.23%	2.880%
39	11.948	1190	1192	1195	rVB	755456	1105116	6.22%	0.445%
40	11.997	1195	1197	1199	rBV2	1519878	2371001	13.34%	0.955%
41	12.037	1199	1201	1202	rBV	471784	457031	2.57%	0.184%
42	12.115	1202	1209	1215	rVB5	4858571	17773088	100.00%	7.160%
43	12.224	1215	1220	1224	rBV4	3343532	11540328	64.93%	4.649%
44	12.293	1224	1227	1229	rVV3	2286897	5337125	30.03%	2.150%
45	12.371	1233	1235	1238	rVB3	2736847	5304637	29.85%	2.137%
46	12.430	1238	1241	1243	rBV2	1700555	3018394	16.98%	1.216%
47	12.470	1243	1245	1246	rVB2	864410	965241	5.43%	0.389%
48	12.529	1246	1251	1254	rBV3	2276510	5944402	33.45%	2.395%
49	12.578	1254	1256	1258	rBV3	1672786	2689512	15.13%	1.083%
50	12.637	1258	1262	1264	rBV3	1177387	2976330	16.75%	1.199%
51	12.755	1271	1274	1276	rBV3	2573006	6035889	33.96%	2.432%
52	12.794	1276	1278	1281	rVB4	2132723	3572747	20.10%	1.439%
53	12.853	1281	1284	1285	rBV2	1535821	2742287	15.43%	1.105%
54	12.942	1290	1293	1296	rVV4	1408440	2409146	13.56%	0.971%
55	13.060	1301	1305	1307	rVB3	2319285	5337336	30.03%	2.150%
56	13.109	1307	1310	1312	rBV3	1324258	3167838	17.82%	1.276%
57	13.217	1318	1321	1326	rVB6	2325102	5553049	31.24%	2.237%
58	13.316	1329	1331	1333	rVV2	1443006	2858758	16.08%	1.152%
59	13.355	1333	1335	1338	rVV2	1941136	3490464	19.64%	1.406%
60	13.434	1338	1343	1344	rVV5	1758484	4657862	26.21%	1.876%
61	13.502	1348	1350	1352	rVB2	1135973	1462047	8.23%	0.589%
62	13.542	1352	1354	1358	rBV3	2704179	5337889	30.03%	2.150%
63	13.601	1358	1360	1362	rBV3	890102	1757811	9.89%	0.708%
64	13.689	1366	1369	1371	rVV3	2084383	3393920	19.10%	1.367%
65	13.739	1371	1374	1378	rVB4	1808977	4538540	25.54%	1.828%
66	13.798	1378	1380	1382	rBV2	1141716	1567855	8.82%	0.632%
67	13.837	1382	1384	1386	rVV3	2469954	3449906	19.41%	1.390%
68	13.876	1386	1388	1391	rVB3	684667	1181823	6.65%	0.476%
69	14.004	1396	1401	1403	rVV5	863005	2197131	12.36%	0.885%
70	14.073	1406	1408	1410	rVV2	1450377	2404877	13.53%	0.969%
71	14.142	1414	1415	1419	rVB4	694052	1130164	6.36%	0.455%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.211	1419	1422	1427	rBV3	1871731	3364296	18.93%	1.355%
73	14.280	1427	1429	1432	rVV2	581422	795252	4.47%	0.320%
74	14.329	1432	1434	1437	rVB4	615986	865943	4.87%	0.349%
75	14.437	1443	1445	1453	rVB4	766468	1692132	9.52%	0.682%
76	14.545	1453	1456	1460	rVV4	614991	1358344	7.64%	0.547%
77	14.624	1460	1464	1469	rVB4	424485	1206626	6.79%	0.486%
78	14.870	1486	1489	1493	rVB3	99209	180235	1.01%	0.073%

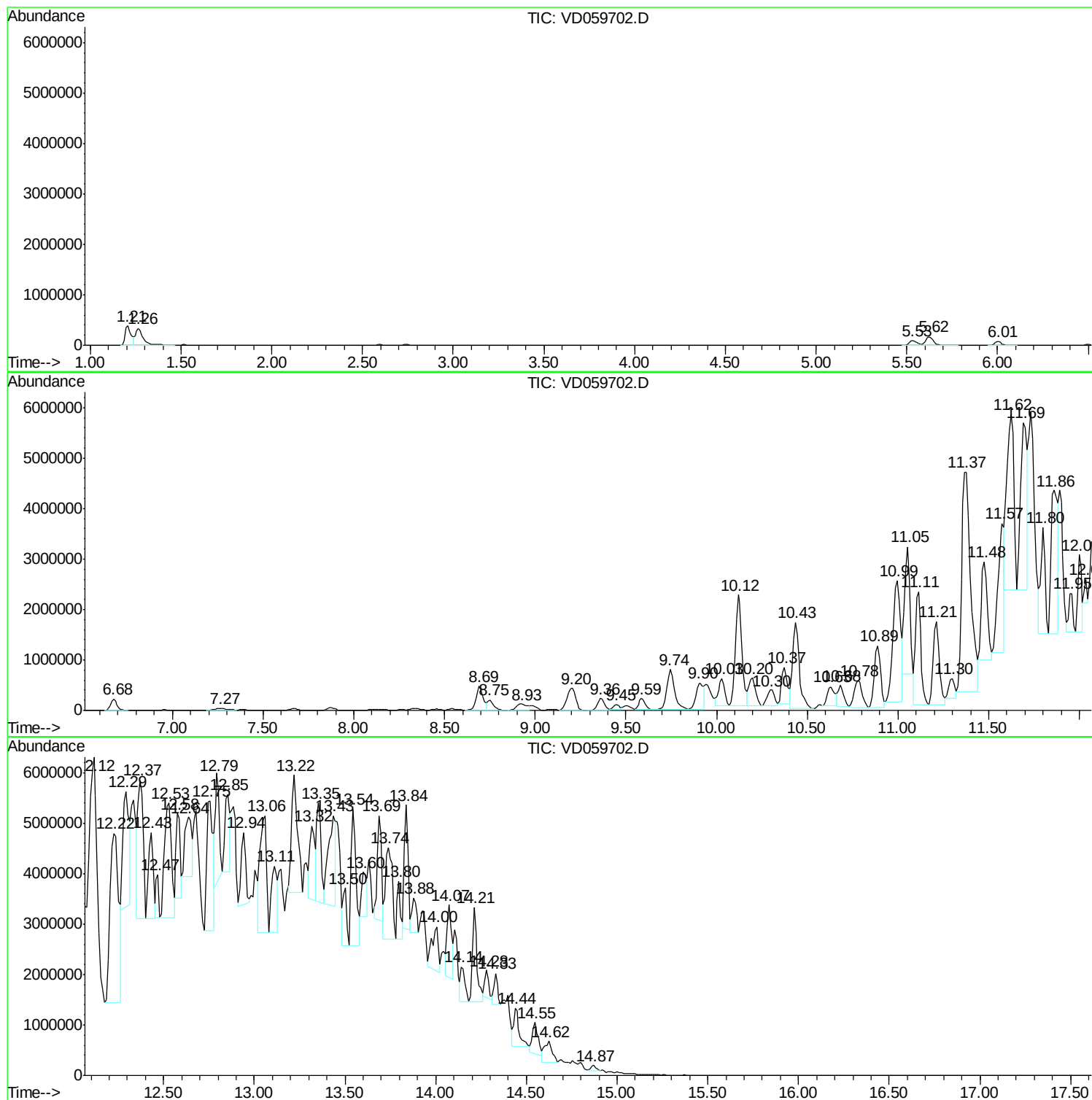
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Instrument :
MSVOA_D
ClientSampled :
TP-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260

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



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Misc : 5.03a/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

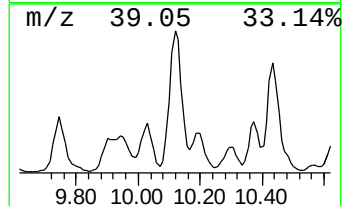
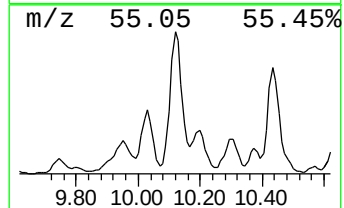
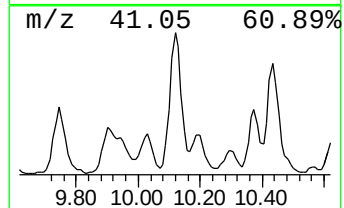
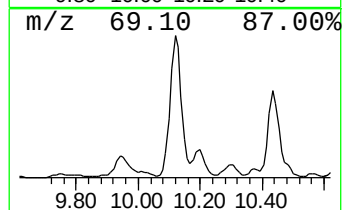
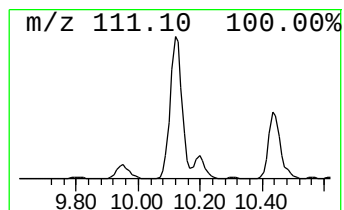
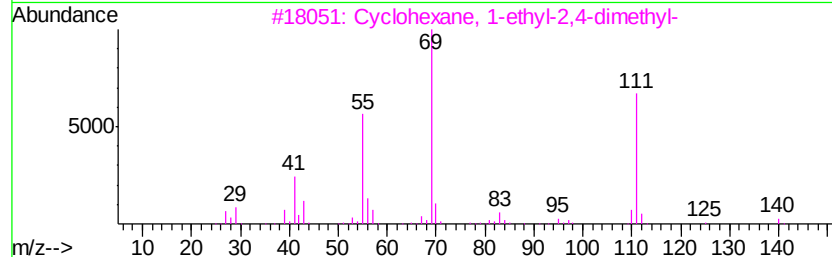
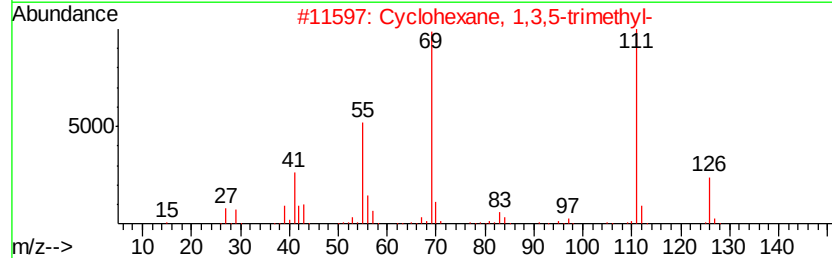
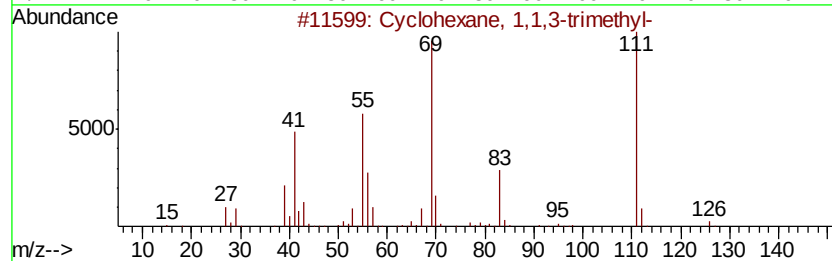
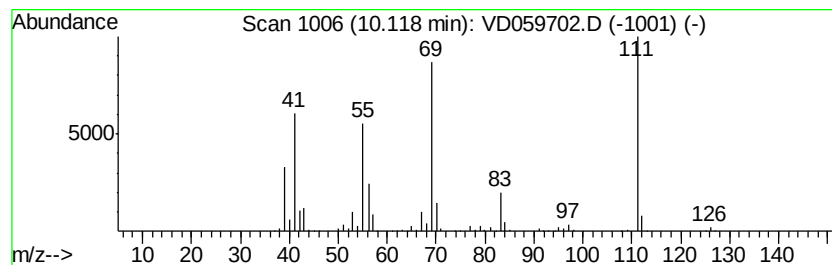
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.12	319.87 ug/l	5845450	Chlorobenzene-d5	10.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
4	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	53
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	49



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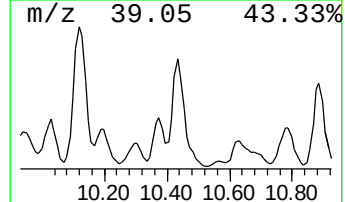
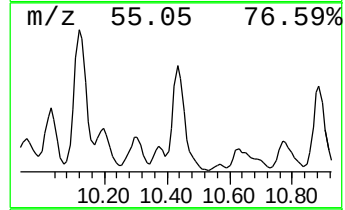
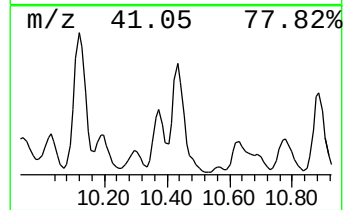
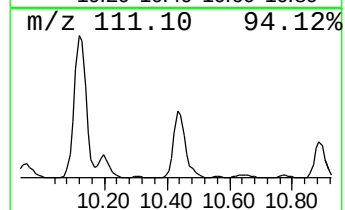
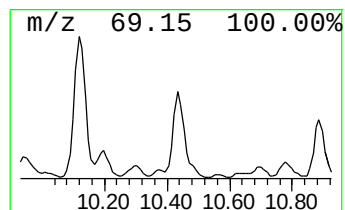
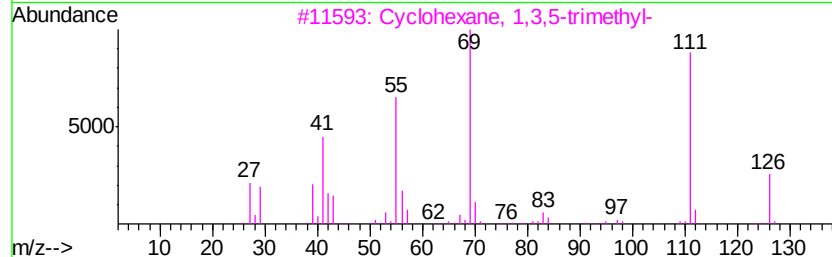
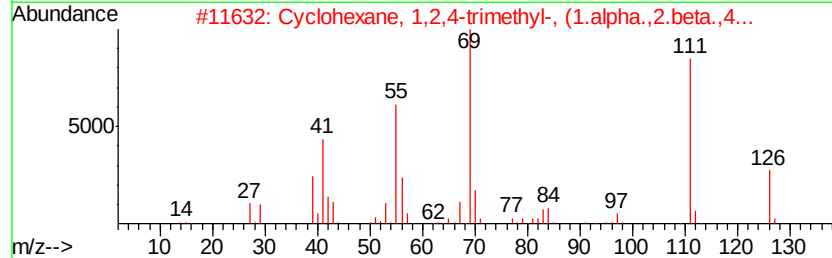
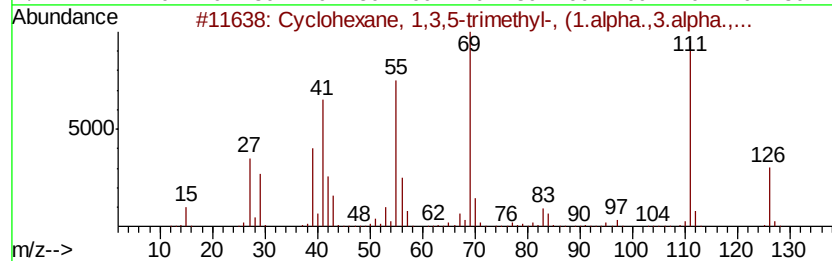
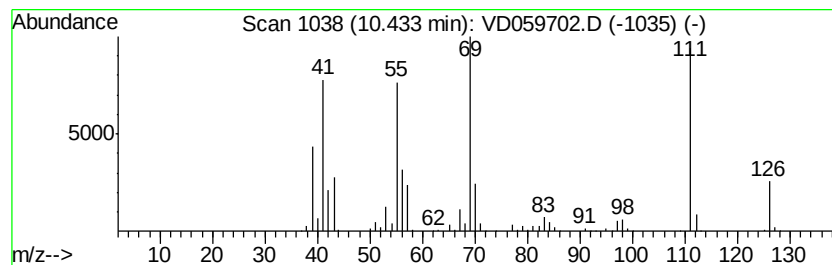
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,3,5-trimethy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.43	240.24 ug/l	4390270	Chlorobenzene-d5	10.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	94
2		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	68
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64



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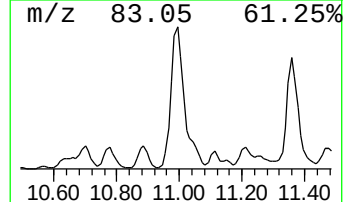
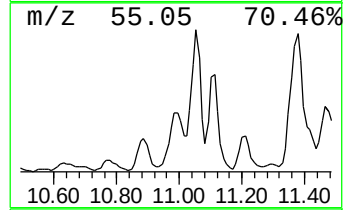
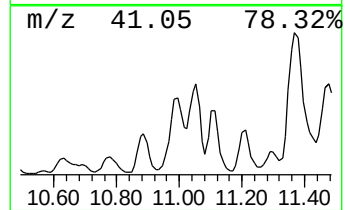
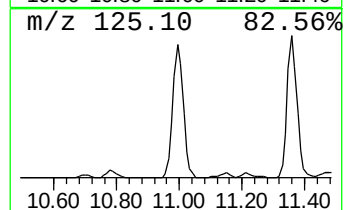
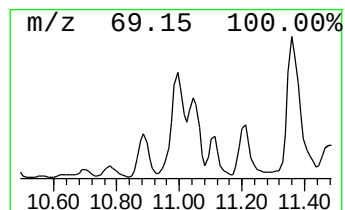
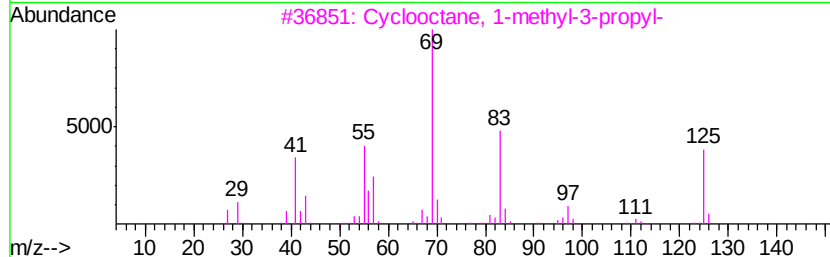
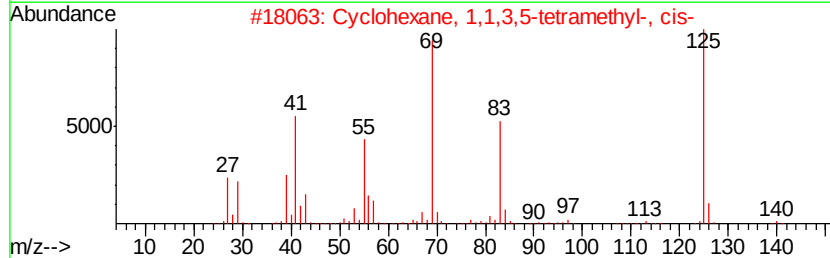
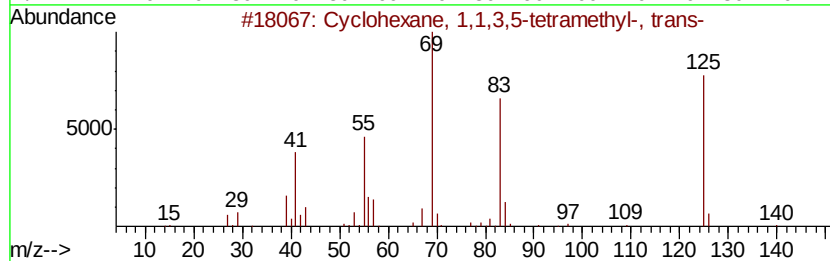
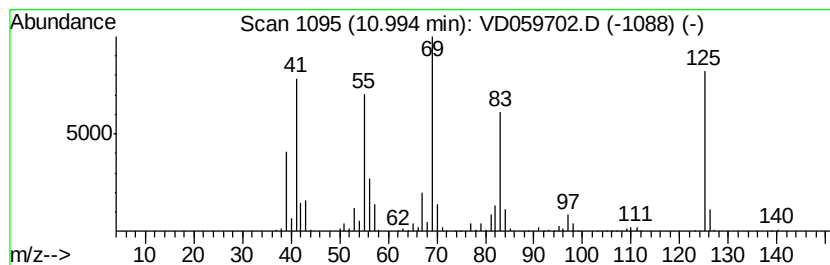
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.99	394.69 ug/l	7212810	Chlorobenzene-d5	10.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	68
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	59
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
4		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
5		3-Acetamidofuran	125	C6H7NO2	059445-85-1	38



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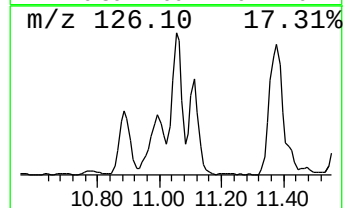
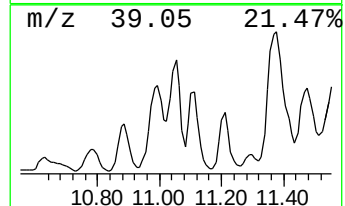
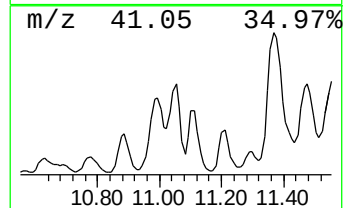
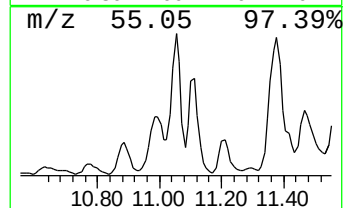
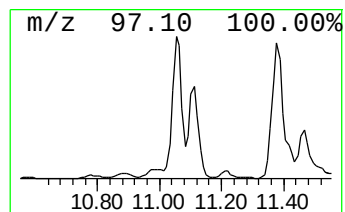
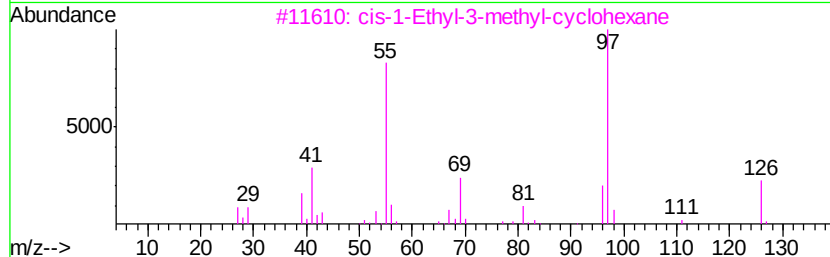
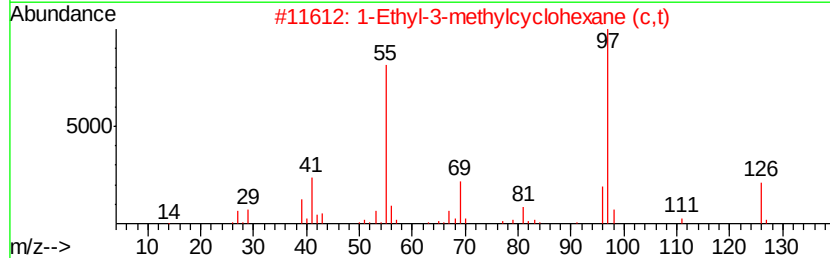
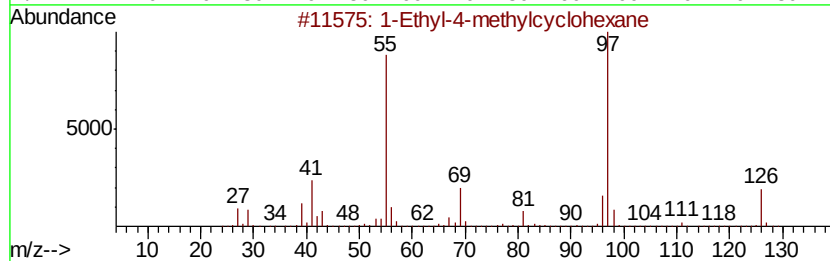
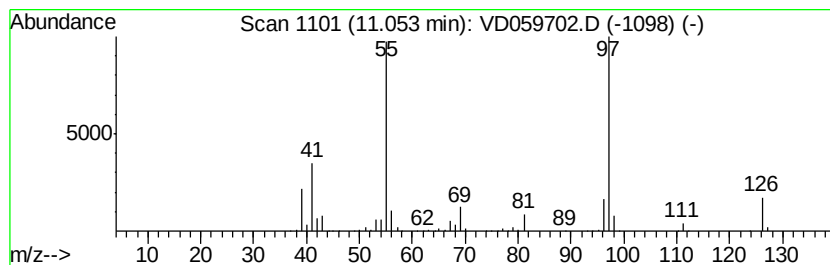
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MSVOA_D
ClientSampleId :
TP-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260

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

Peak Number 4 1-Ethyl-4-methylcyclohexane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.05	265.55 ug/l	4852860	Chlorobenzene-d5	10.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcvclohexane	126	C9H18	003728-56-1	90
2		1-Ethyl-3-methylcvclohexane (c,t)	126	C9H18	003728-55-0	90
3		cis-1-Ethyl-3-methyl-cvclohexane	126	C9H18	019489-10-2	86
4		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080718\
Data File : VD059702.D
Acq On : 7 Aug 2018 13:55
Operator : VA/AP
Sample : J4297-06
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
TP-6

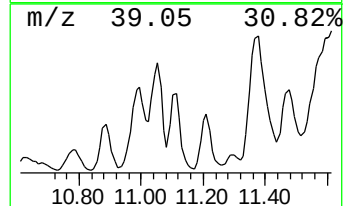
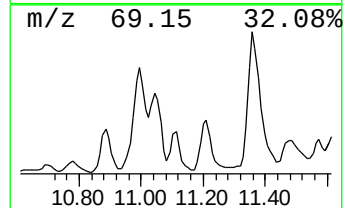
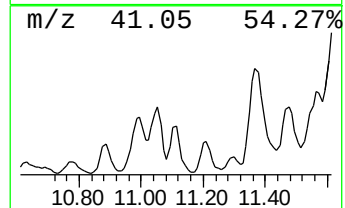
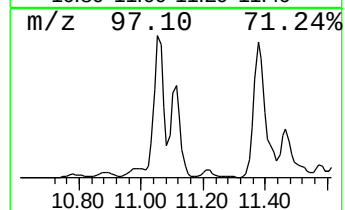
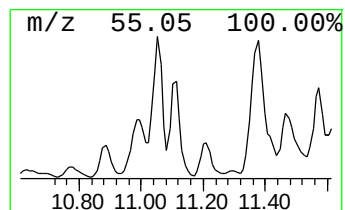
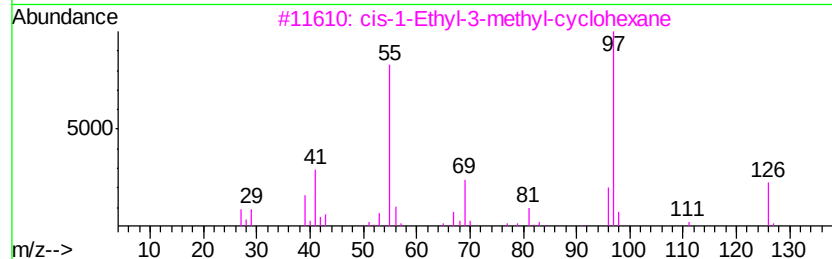
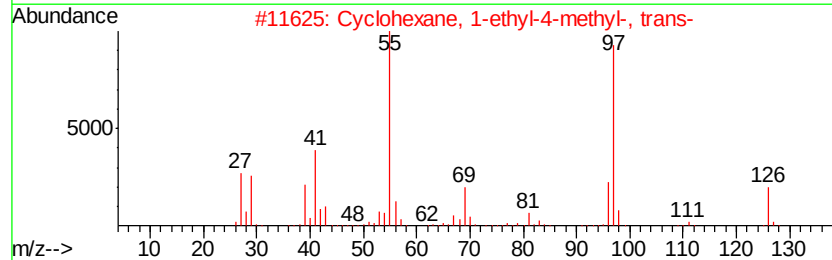
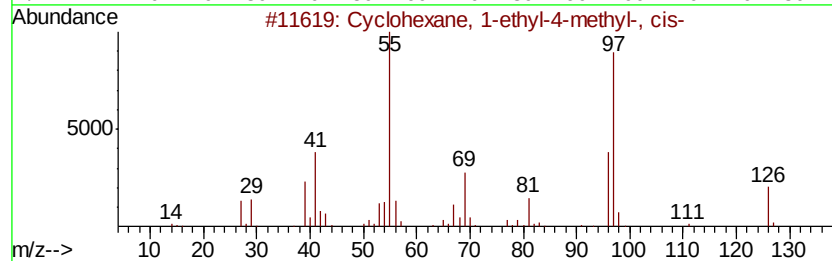
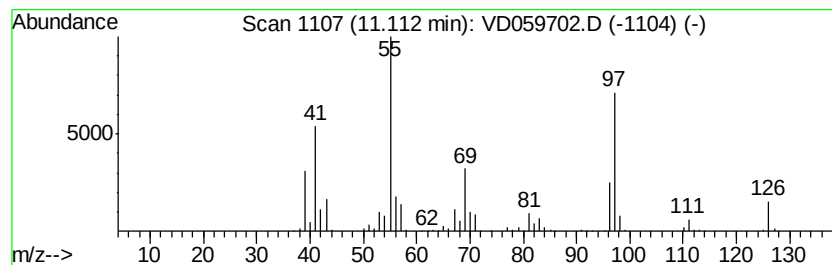
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	259.91 ug/l	4749660	Chlorobenzene-d5	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	76
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
4		2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	53
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080718\
Data File : VD059702.D
Acq On : 7 Aug 2018 13:55
Operator : VA/AP
Sample : J4297-06
Misc : 5.03a/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6

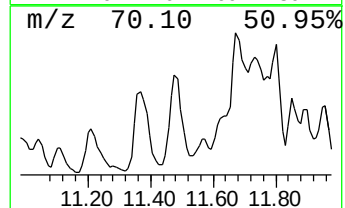
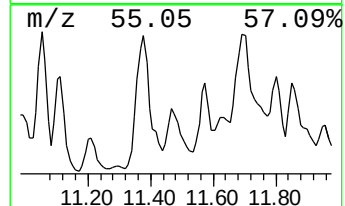
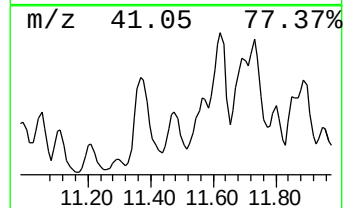
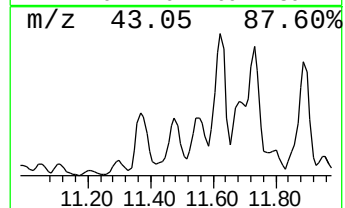
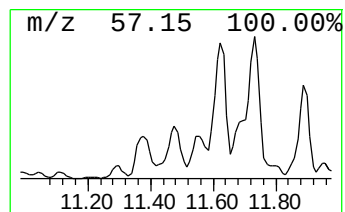
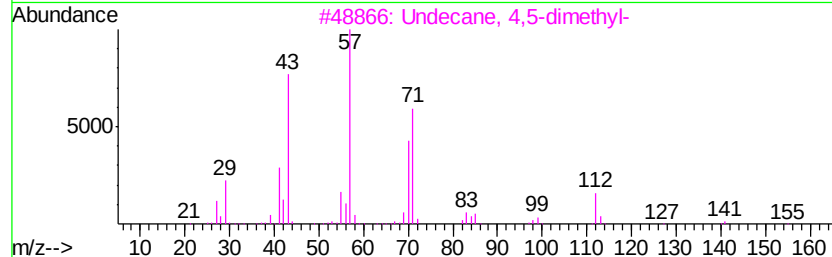
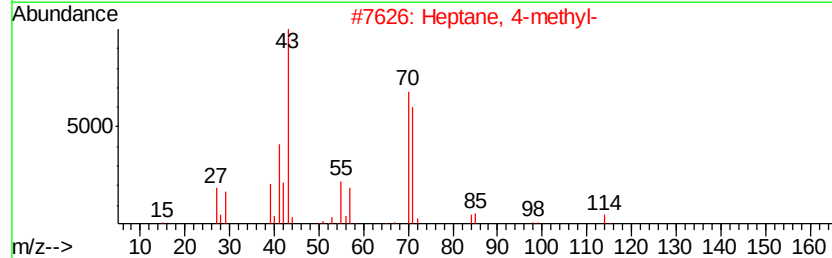
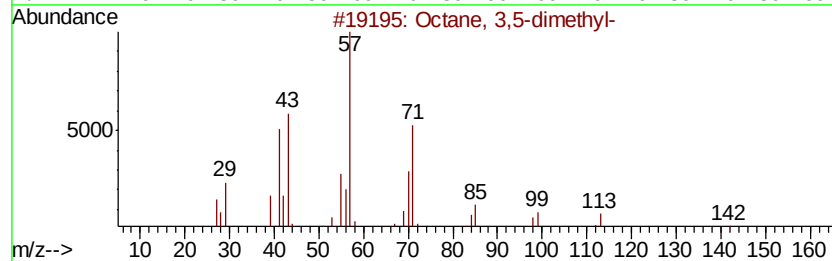
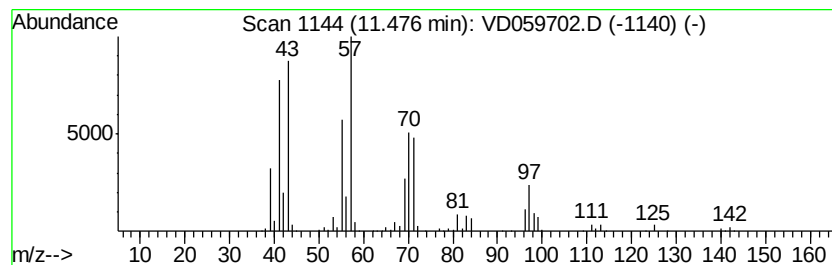
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Quant Title : SW846 8260

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

Peak Number 6 Octane, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	256.94 ug/l	4695390	Chlorobenzene-d5	10.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
2		Heptane, 4-methyl-	114	C8H18	000589-53-7	50
3		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
4		Pyrrolidine	71	C4H9N	000123-75-1	43
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080718\
Data File : VD059702.D
Acq On : 7 Aug 2018 13:55
Operator : VA/AP
Sample : J4297-06
Misc : 5.03a/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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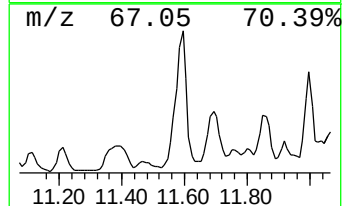
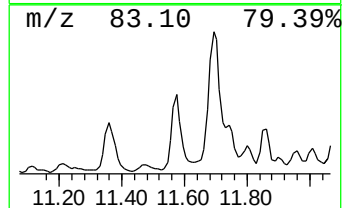
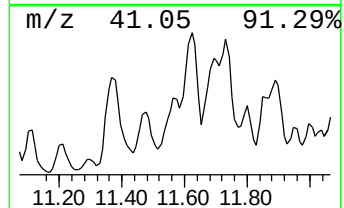
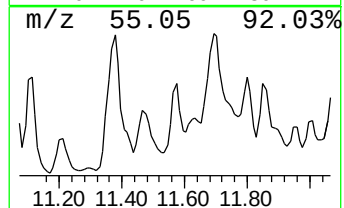
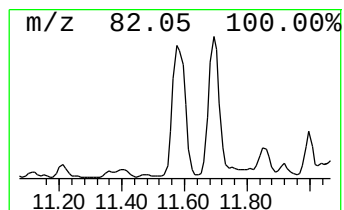
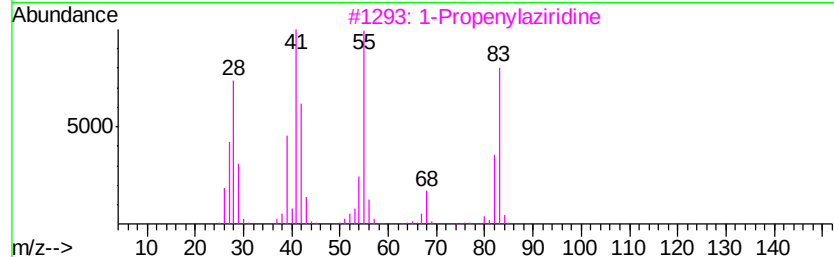
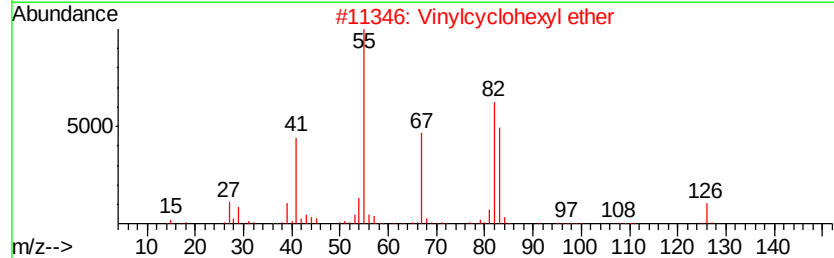
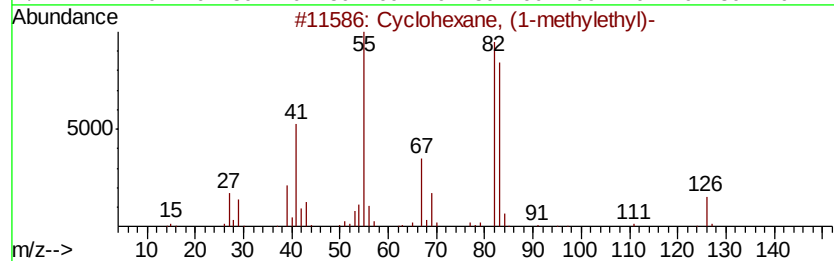
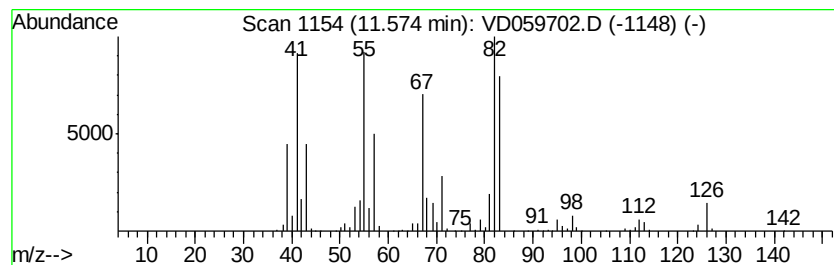
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	351.44 ug/l	6422330	Chlorobenzene-d5	10.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2		Vinylcyclohexyl ether	126	C8H14O	002182-55-0	52
3		1-Propenylaziridine	83	C5H9N	1000192-51-0	46
4		3-Hexyne	82	C6H10	000928-49-4	43
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080718\
Data File : VD059702.D
Acq On : 7 Aug 2018 13:55
Operator : VA/AP
Sample : J4297-06
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

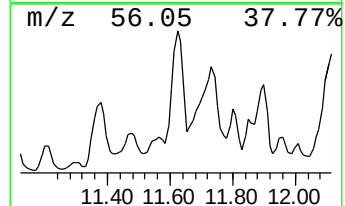
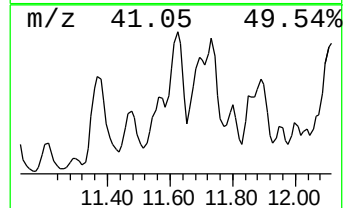
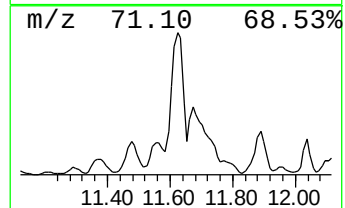
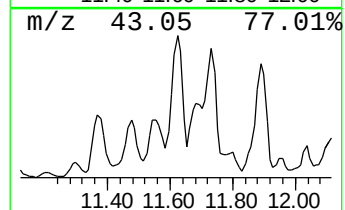
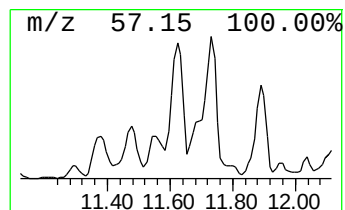
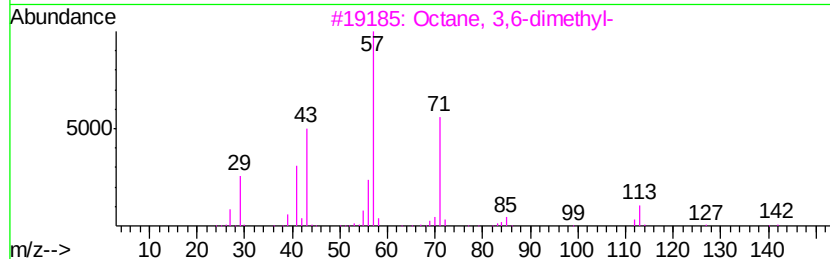
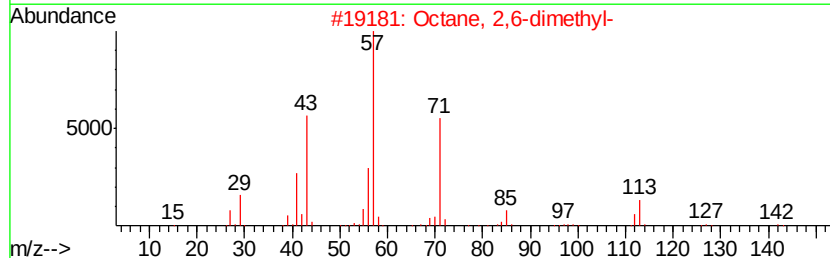
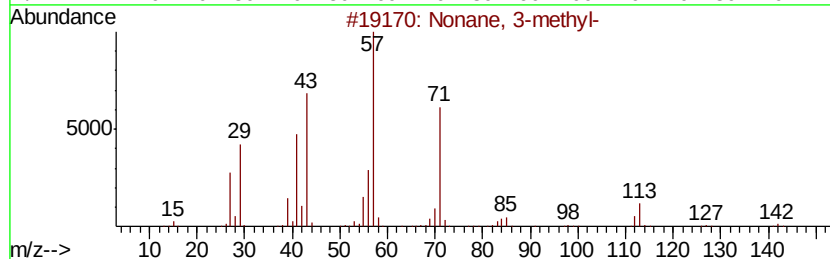
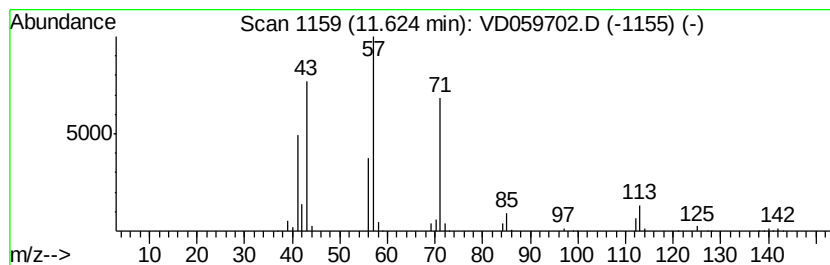
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260

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

Peak Number 8 Nonane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.62	490.83 ug/l	8969740	Chlorobenzene-d5	10.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	94	
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93	
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87	
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78	
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080718\
Data File : VD059702.D
Acq On : 7 Aug 2018 13:55
Operator : VA/AP
Sample : J4297-06
Misc : 5.03a/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6

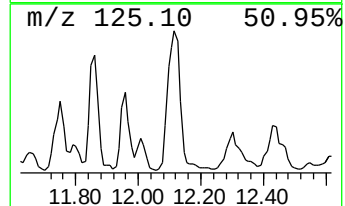
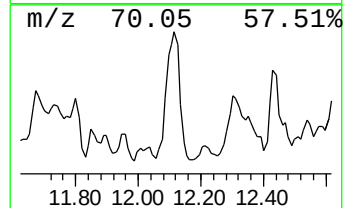
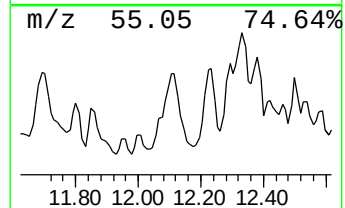
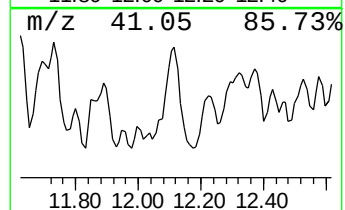
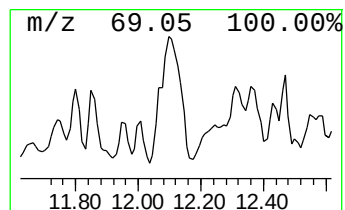
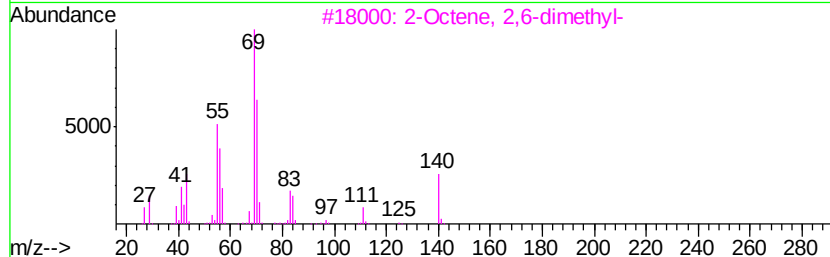
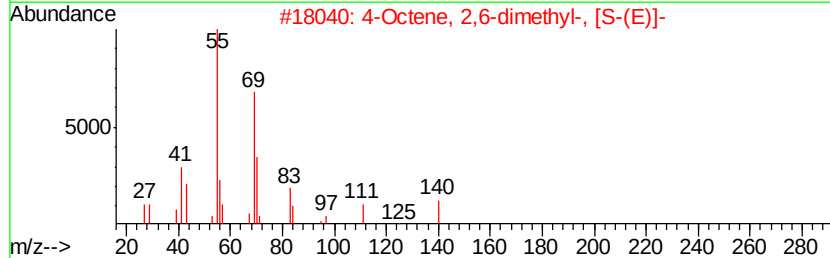
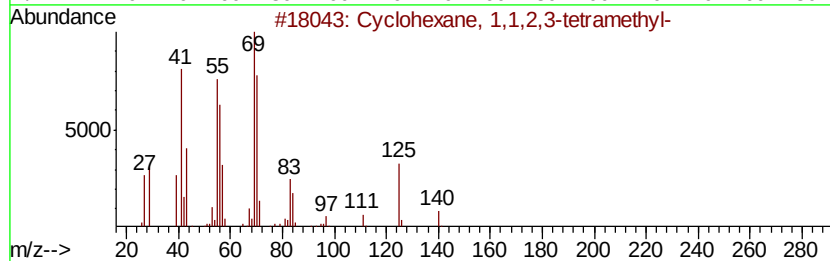
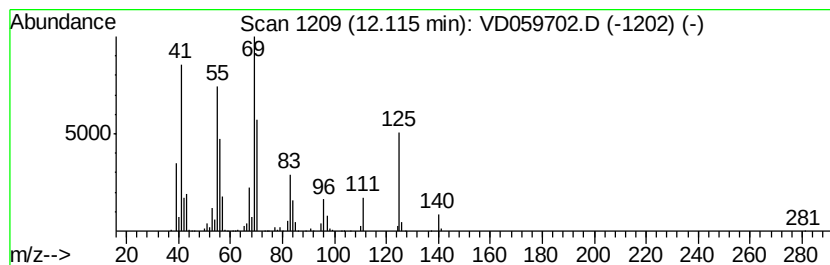
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260

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

Peak Number 10 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	368.87 ug/l	17773100	1,4-Dichlorobenzene-d4	12.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	81
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52
5		4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD080718\
Data File : VD059702.D
Acq On : 7 Aug 2018 13:55
Operator : VA/AP
Sample : J4297-06
Misc : 5.03g/5ml/MSV0A_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :
TP-6

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\82D080618S.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
Cyclohexane, 1,1,...	10.12	319.9	ug/l	5845450	3	10.68	913731	50.0
Cyclohexane, 1,3,...	10.43	240.2	ug/l	4390270	3	10.68	913731	50.0
Cyclohexane, 1,1,...	10.99	394.7	ug/l	7212810	3	10.68	913731	50.0
1-Ethyl-4-methylc...	11.05	265.6	ug/l	4852860	3	10.68	913731	50.0
Cyclohexane, 1-et...	11.11	259.9	ug/l	4749660	3	10.68	913731	50.0
Octane, 3,5-dimet...	11.48	256.9	ug/l	4695390	3	10.68	913731	50.0
Cyclohexane, (1-m...	11.57	351.4	ug/l	6422330	3	10.68	913731	50.0
Nonane, 3-methyl-	11.62	490.8	ug/l	8969740	3	10.68	913731	50.0
Cyclohexane, 1,1,...	12.12	368.9	ug/l	17773100	4	12.91	2409150	50.0