

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062088.D
 Acq On : 30 Apr 2019 15:36
 Operator : FY/SY
 Sample : K2579-01
 Misc : 5.01µm/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

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\82D042319S.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	6.904	548	557	564	rBV	328026	919130	13.37%	0.882%
2	7.022	564	569	581	rVB	410422	1137846	16.56%	1.092%
3	7.426	605	610	624	rBV	205937	574847	8.36%	0.552%
4	8.203	682	689	704	rBV	591475	1546704	22.51%	1.484%
5	10.389	905	911	920	rBV	542162	1319584	19.20%	1.266%
6	11.472	1015	1021	1025	rBV	42469	83517	1.22%	0.080%
7	11.619	1030	1036	1038	rBV	33443	70531	1.03%	0.068%
8	11.738	1044	1048	1052	rVB2	31385	76091	1.11%	0.073%
9	11.816	1052	1056	1060	rBV	87164	200375	2.92%	0.192%
10	11.885	1060	1063	1069	rVB2	33790	72562	1.06%	0.070%
11	12.053	1076	1080	1082	rBV	70200	119063	1.73%	0.114%
12	12.112	1082	1086	1088	rBV	123166	232208	3.38%	0.223%
13	12.161	1088	1091	1096	rVB2	149586	340207	4.95%	0.327%
14	12.299	1100	1105	1107	rBV	163644	337140	4.91%	0.324%
15	12.358	1107	1111	1115	rVB	707430	1241936	18.07%	1.192%
16	12.427	1115	1118	1124	rVB3	37621	109648	1.60%	0.105%
17	12.535	1124	1129	1133	rBV	93524	214542	3.12%	0.206%
18	12.624	1133	1138	1142	rBV3	156598	492741	7.17%	0.473%
19	12.683	1142	1144	1147	rBV	218454	363204	5.28%	0.349%
20	12.732	1147	1149	1156	rVB2	416885	757228	11.02%	0.727%
21	12.840	1156	1160	1164	rBV2	114976	212831	3.10%	0.204%
22	12.909	1164	1167	1171	rBV2	59362	116773	1.70%	0.112%
23	12.988	1171	1175	1179	rBV2	556957	1233574	17.95%	1.184%
24	13.037	1179	1180	1182	rVB2	90235	86976	1.27%	0.083%
25	13.086	1182	1185	1188	rBV2	254655	478231	6.96%	0.459%
26	13.135	1188	1190	1192	rBV2	81024	106749	1.55%	0.102%
27	13.214	1192	1198	1201	rBV2	825451	1511108	21.99%	1.450%
28	13.293	1201	1206	1208	rBV	779337	1731176	25.19%	1.661%
29	13.391	1214	1216	1219	rVB2	301333	470444	6.85%	0.451%
30	13.470	1219	1224	1227	rBV3	517914	1380592	20.09%	1.325%
31	13.539	1227	1231	1236	rBV4	1054629	2438211	35.48%	2.340%
32	13.618	1236	1239	1240	rBV3	121809	193254	2.81%	0.185%
33	13.657	1240	1243	1245	rBV	966994	1333690	19.41%	1.280%
34	13.706	1245	1248	1255	rVB2	1106097	2231235	32.47%	2.141%

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35	13.815	1255	1259	1263	rBV3	625180	1628735	23.70%	1.563%
36	13.913	1266	1269	1271	rVB3	706916	1062110	15.45%	1.019%
37	13.953	1271	1273	1277	rVB	2739103	4404180	64.08%	4.227%
38	14.021	1277	1280	1282	rBV2	376316	691935	10.07%	0.664%
39	14.061	1282	1284	1285	rBV	280087	448707	6.53%	0.431%
40	14.110	1285	1289	1292	rVB2	871694	1645976	23.95%	1.580%
41	14.159	1292	1294	1295	rBV	281517	448473	6.53%	0.430%
42	14.199	1295	1298	1300	rVB	1831323	2555024	37.18%	2.452%
43	14.248	1300	1303	1308	rVB4	820024	1726892	25.13%	1.657%
44	14.317	1308	1310	1312	rBV	614538	942399	13.71%	0.904%
45	14.366	1312	1315	1319	rVB4	1252761	2524396	36.73%	2.423%
46	14.425	1319	1321	1323	rBV2	1731359	2596932	37.79%	2.492%
47	14.464	1323	1325	1327	rVB2	632481	740165	10.77%	0.710%
48	14.514	1327	1330	1332	rBV2	1627897	2138372	31.11%	2.052%
49	14.543	1332	1333	1335	rBV2	849951	908513	13.22%	0.872%
50	14.583	1335	1337	1339	rVB	957201	1089700	15.86%	1.046%
51	14.642	1339	1343	1345	rVB3	1923528	2968894	43.20%	2.849%
52	14.701	1345	1349	1350	rBV4	758780	1205475	17.54%	1.157%
53	14.720	1350	1351	1354	rVB	1081053	1248347	18.16%	1.198%
54	14.770	1354	1356	1357	rBV	1598599	1921173	27.95%	1.844%
55	14.799	1357	1359	1363	rVB3	1416558	2011887	29.27%	1.931%
56	14.878	1364	1367	1371	rBV2	3968699	6872616	100.00%	6.596%
57	14.937	1371	1373	1375	rVB2	1321022	1821208	26.50%	1.748%
58	15.016	1375	1381	1383	rBV4	1626934	4730027	68.82%	4.540%
59	15.134	1389	1393	1398	rBV4	1366149	4482720	65.23%	4.302%
60	15.222	1398	1402	1404	rVB4	1487304	2987243	43.47%	2.867%
61	15.272	1404	1407	1409	rBV2	2438868	3912274	56.93%	3.755%
62	15.311	1409	1411	1416	rVV4	1644627	3641800	52.99%	3.495%
63	15.380	1416	1418	1420	rVB3	1179921	1652005	24.04%	1.585%
64	15.419	1420	1422	1425	rBV3	2613956	4113271	59.85%	3.948%
65	15.469	1425	1427	1430	rVB3	588562	1021752	14.87%	0.981%
66	15.665	1442	1447	1449	rBV2	2128229	4022969	58.54%	3.861%
67	15.734	1452	1454	1457	rVB4	537248	991648	14.43%	0.952%
68	15.793	1457	1460	1466	rBV3	1445289	2459913	35.79%	2.361%
69	15.882	1466	1469	1472	rVV3	361863	644483	9.38%	0.619%
70	15.921	1472	1473	1475	rVB	287717	256348	3.73%	0.246%
71	16.040	1482	1485	1489	rVB5	273039	574904	8.37%	0.552%

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72	16.138	1493	1495	1496	rVV	178928	216243	3.15%	0.208%
73	16.167	1496	1498	1500	rVV	256240	291513	4.24%	0.280%
74	16.227	1500	1504	1509	rVB	297956	641174	9.33%	0.615%
75	16.394	1519	1521	1525	rVB4	38291	78585	1.14%	0.075%
76	16.492	1525	1531	1537	rVB5	44385	140954	2.05%	0.135%

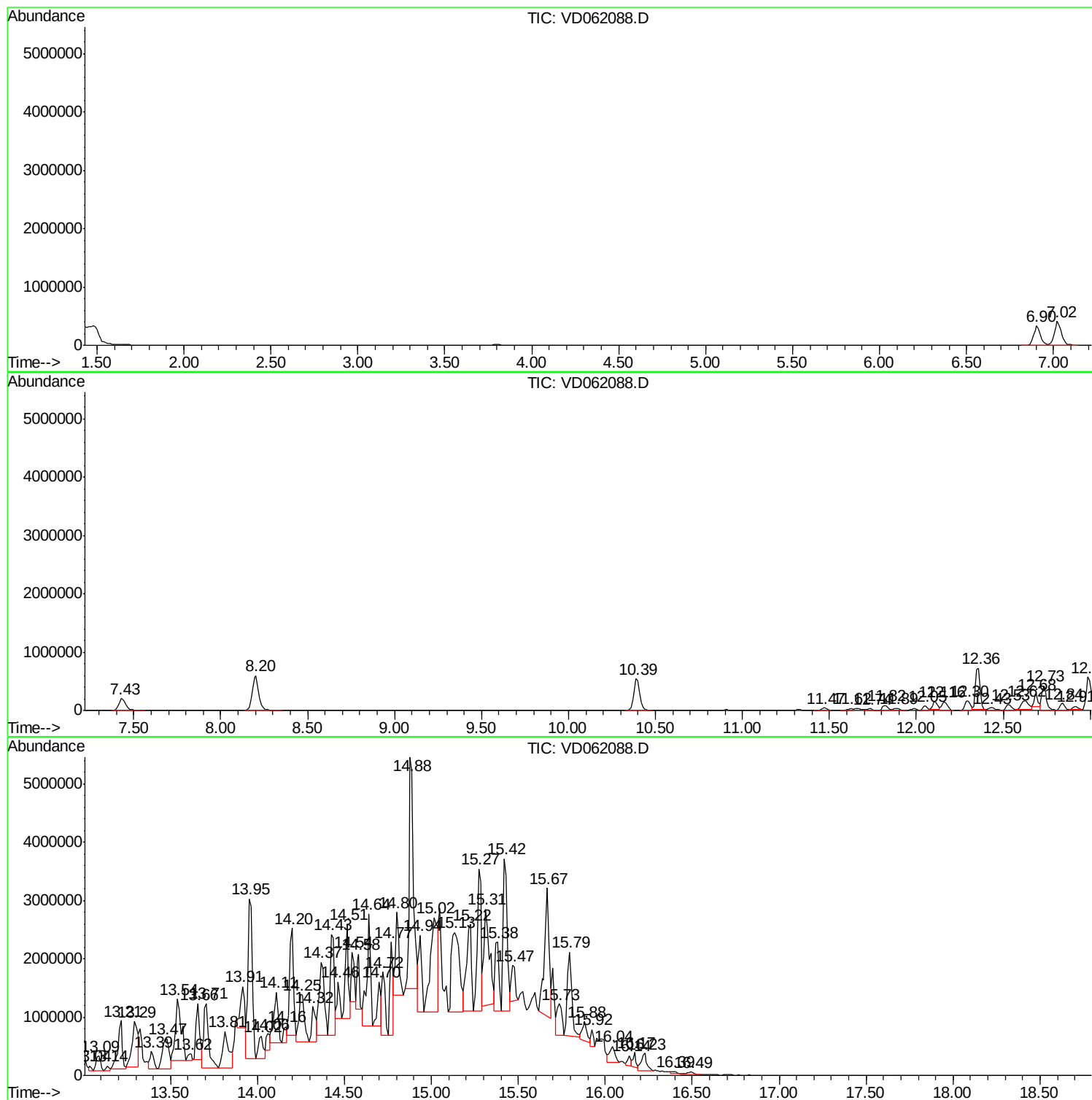
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260

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



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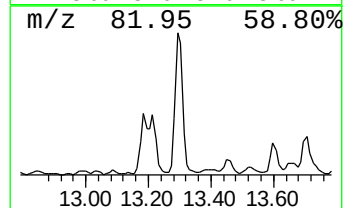
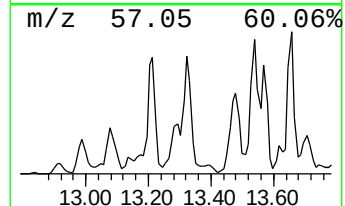
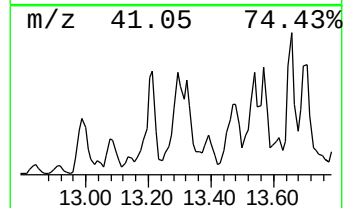
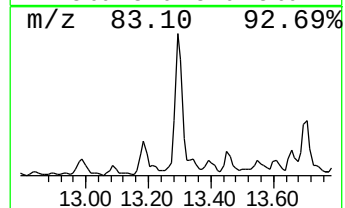
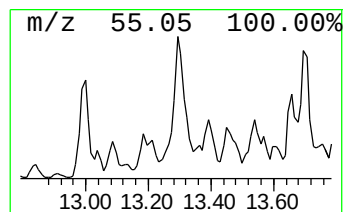
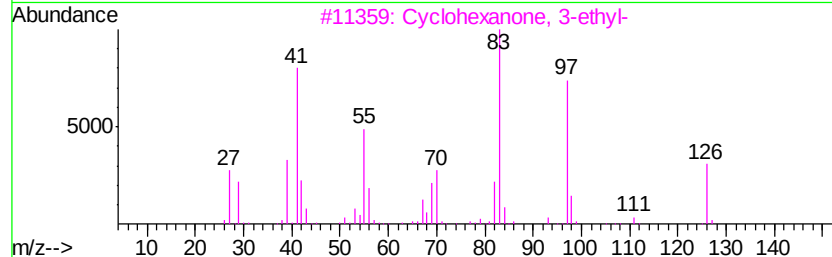
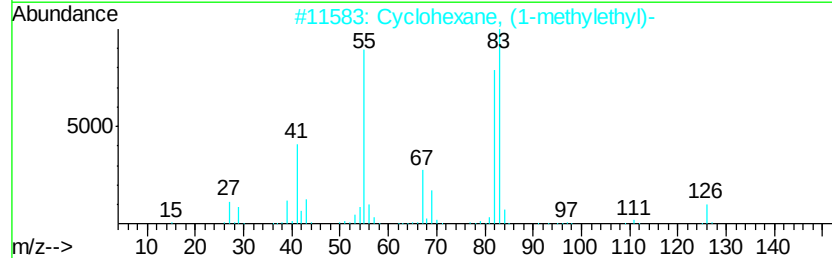
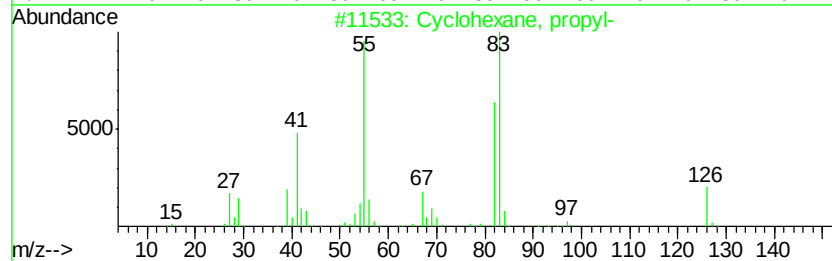
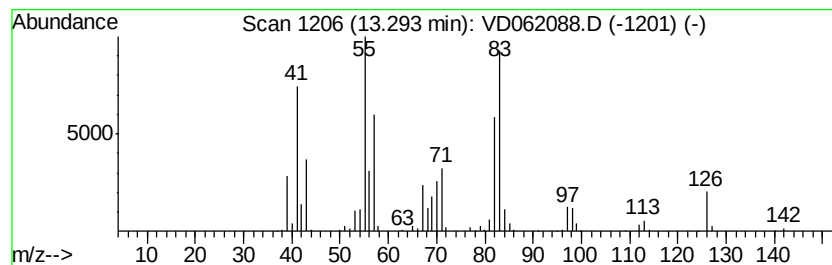
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	69.70 ug/l	1731180	Chlorobenzene-d5	12.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
3	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	58
4	Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	46
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	46



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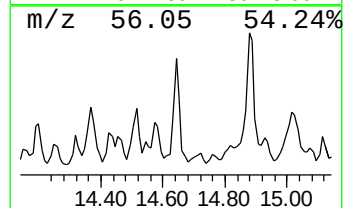
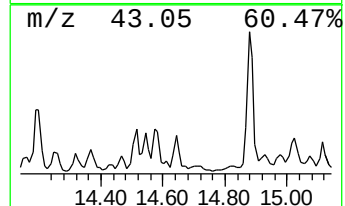
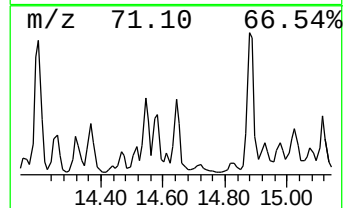
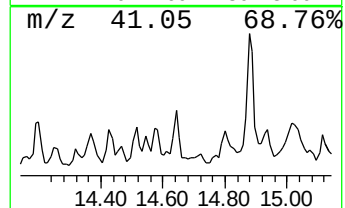
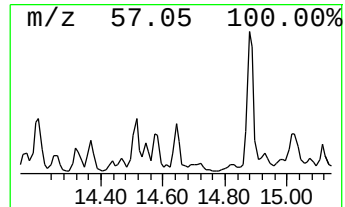
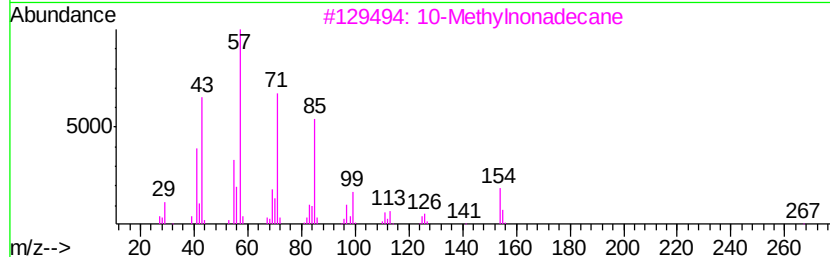
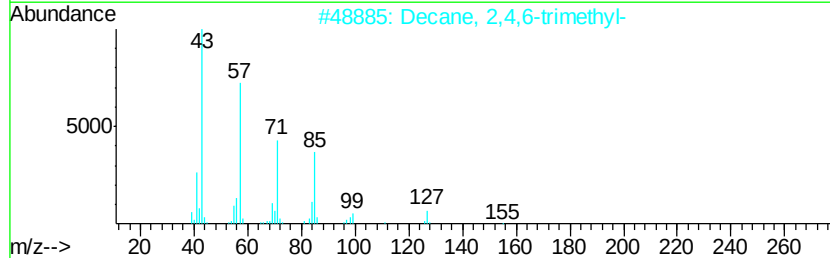
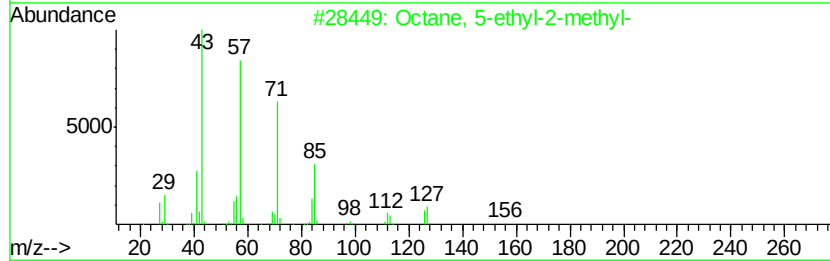
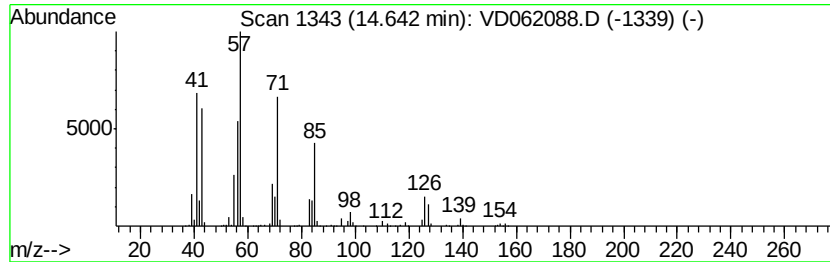
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octane, 5-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	69.42 ug/l	2968890	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6	72
2	Decane, 2,4,6-trimethyl-	184 C13H28	062108-27-4	59
3	10-Methylnonadecane	282 C20H42	056862-62-5	53
4	Decane, 3-methyl-	156 C11H24	013151-34-3	52
5	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	50



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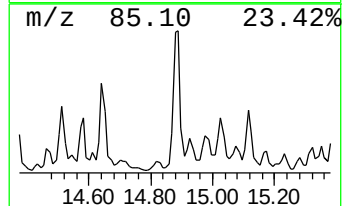
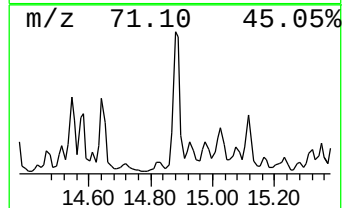
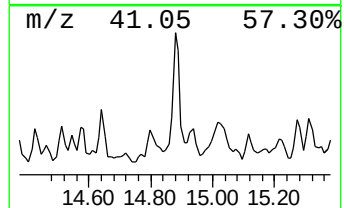
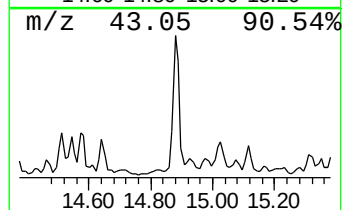
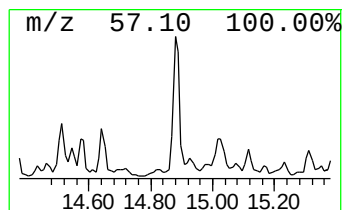
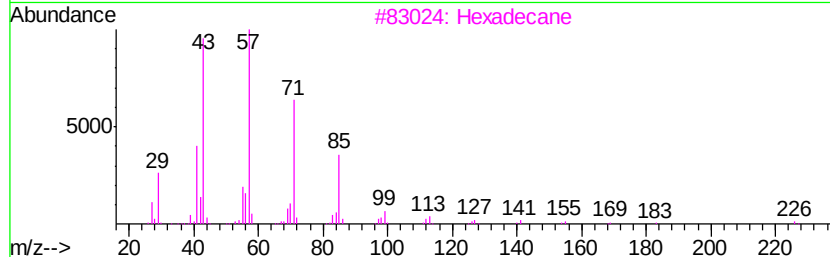
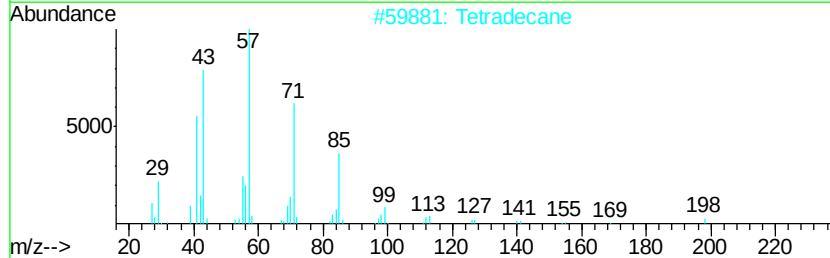
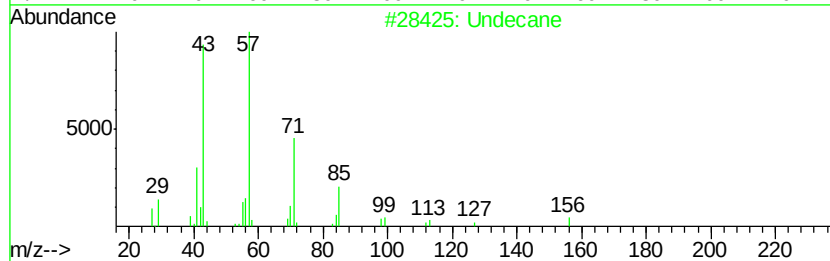
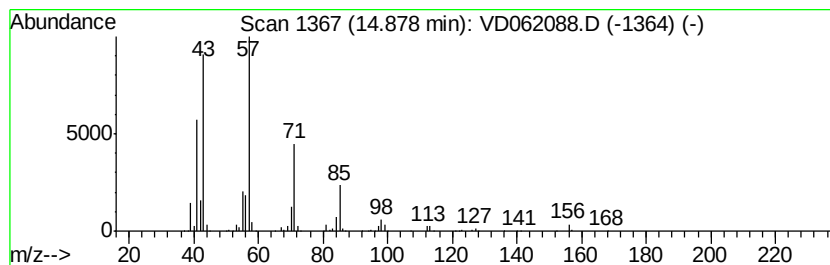
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.88	160.70 ug/l	6872620	1,4-Dichlorobenzene-d4	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



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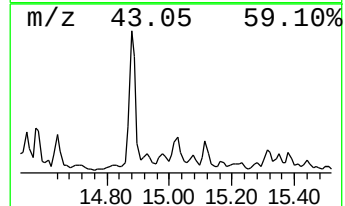
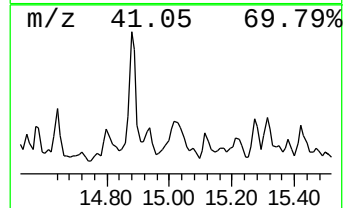
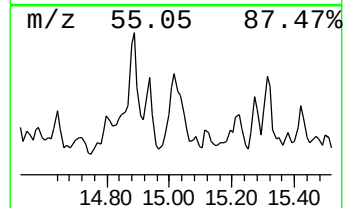
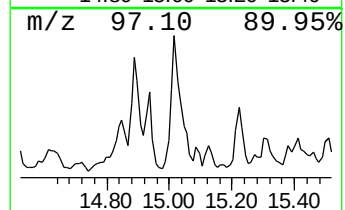
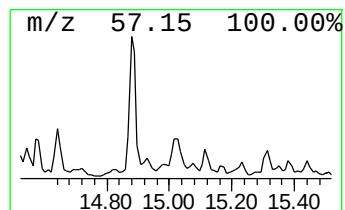
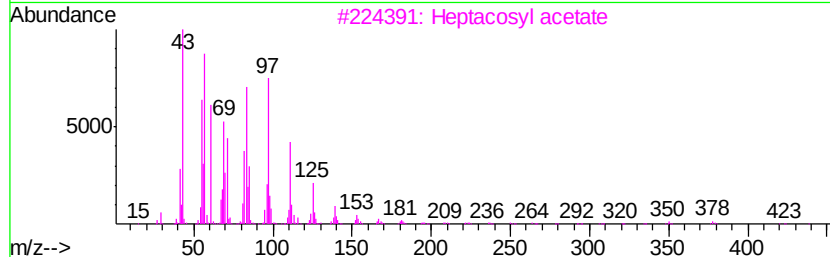
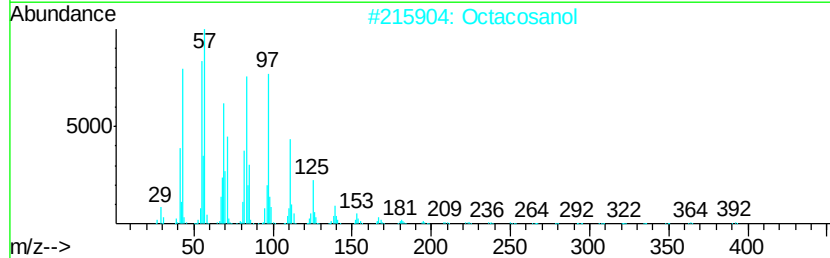
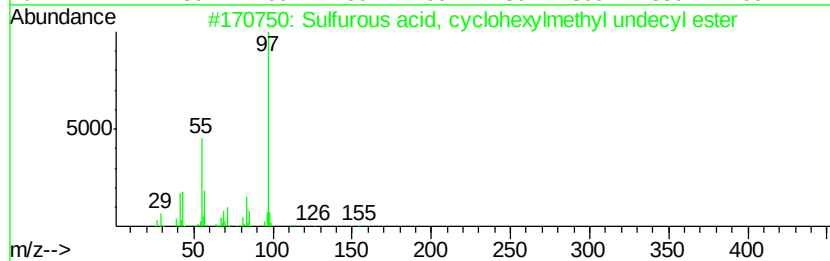
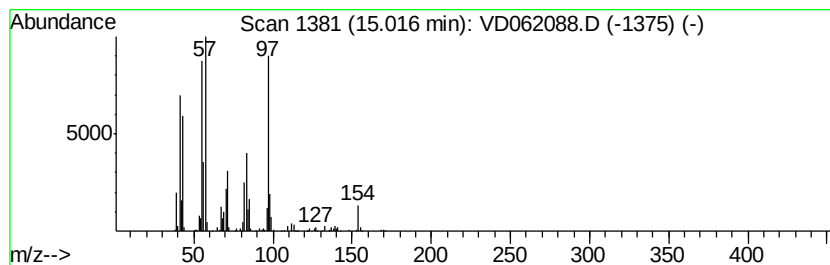
Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260

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

Peak Number 4 Sulfurous acid, cyclohexylm... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.02	110.60 ug/l	4730030	1,4-Dichlorobenzene-d4	14.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, cvclohexylmethyl...	332	C18H36O3S	1000309-21-9	58
2		Octacosanol	410	C28H58O	000557-61-9	50
3		Heptacosyl acetate	438	C29H58O2	1000351-78-2	49
4		Triacontyl acetate	480	C32H64O2	041755-58-2	49
5		2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

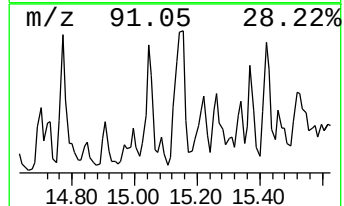
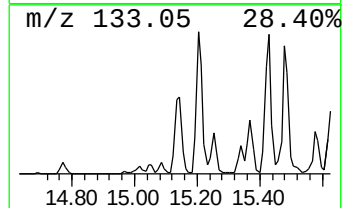
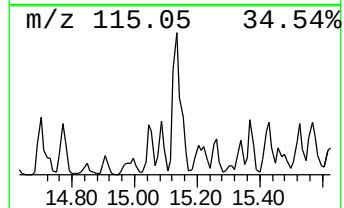
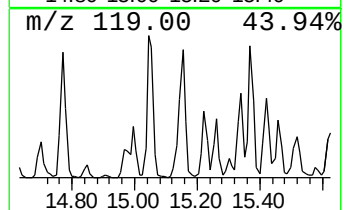
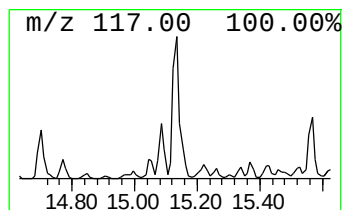
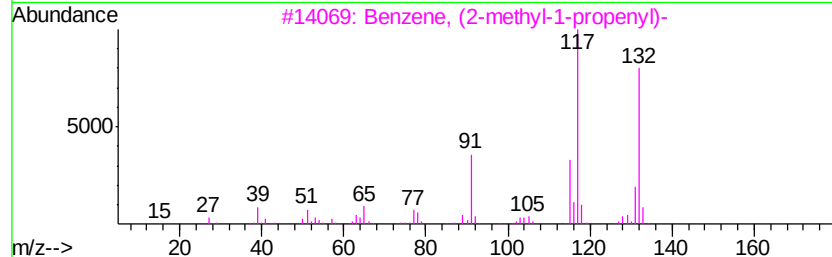
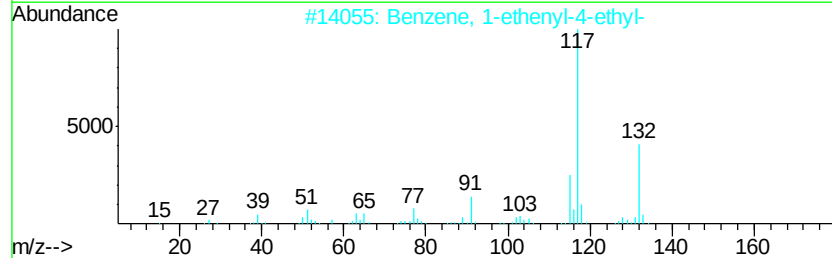
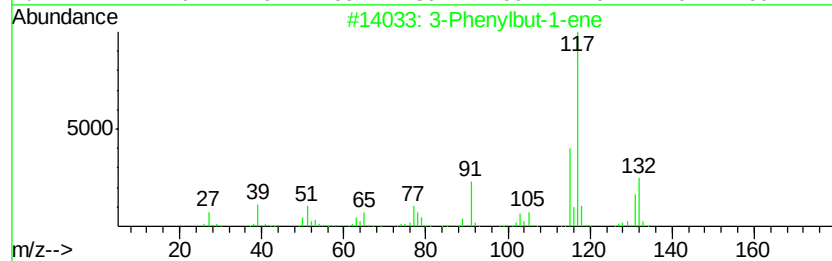
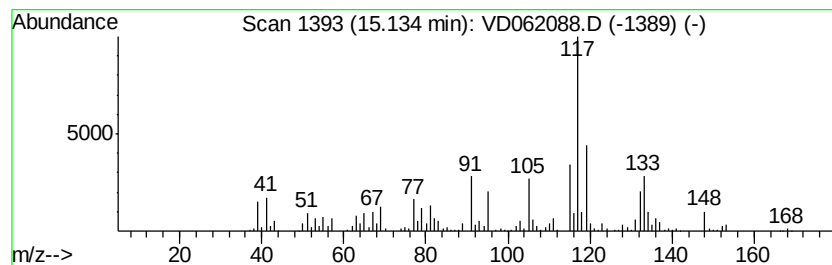
Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260

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

Peak Number 5 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	104.82 ug/l	4482720	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Phenylbut-1-ene	132 C10H12	000934-10-1	60
2	Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7	60
3	Benzene, (2-methyl-1-propenyl)-	132 C10H12	000768-49-0	60
4	1-Phenyl-1-butene	132 C10H12	000824-90-8	60
5	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WASTE

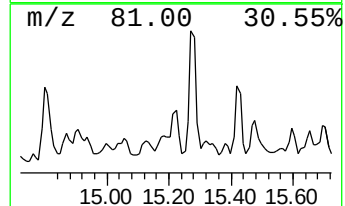
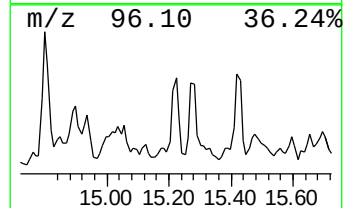
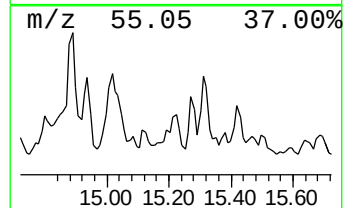
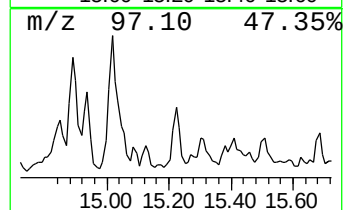
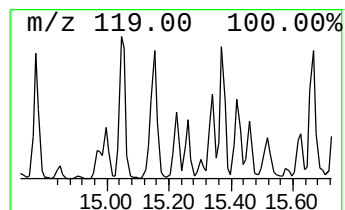
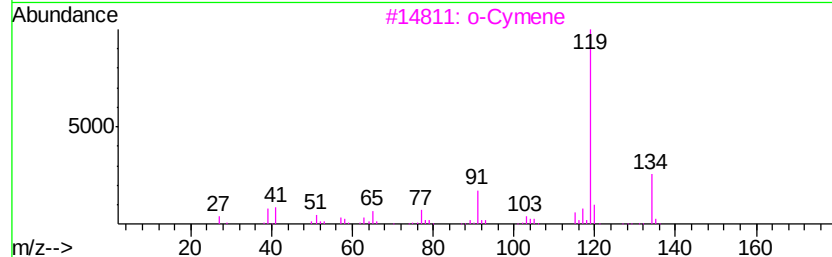
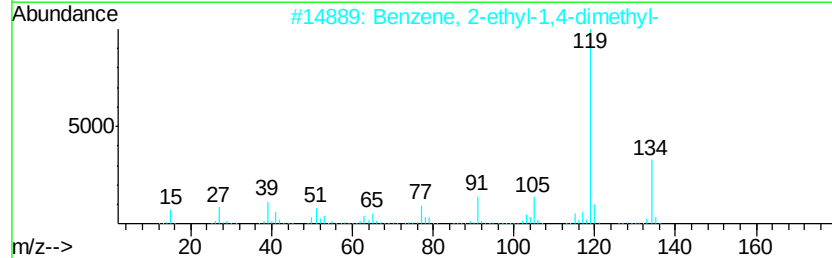
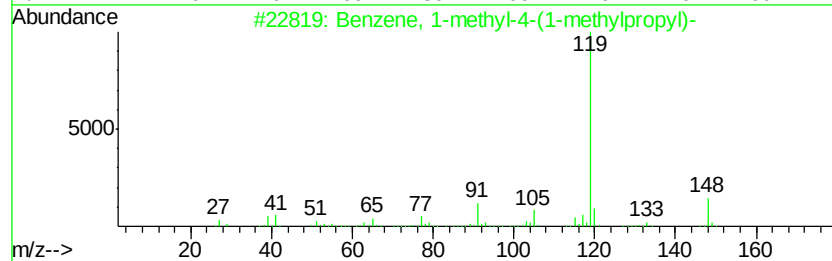
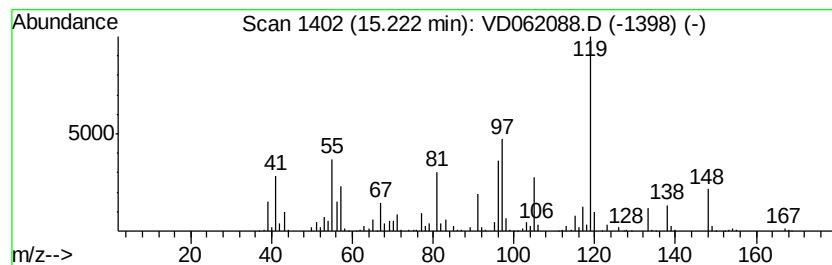
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	69.85 ug/l	2987240	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	55
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
3		o-Cymene	134	C10H14	000527-84-4	38
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5		p-Cymene	134	C10H14	000099-87-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

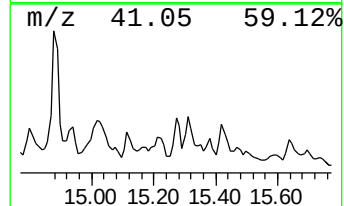
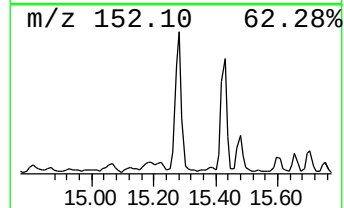
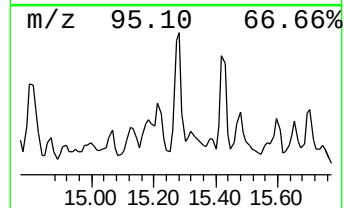
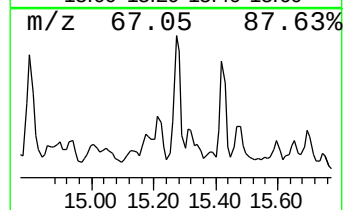
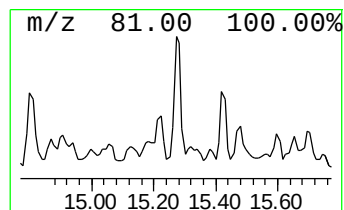
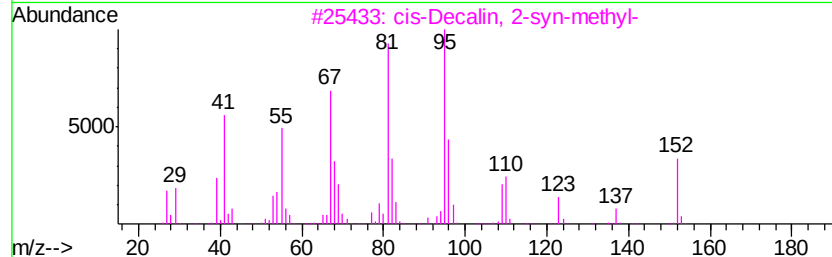
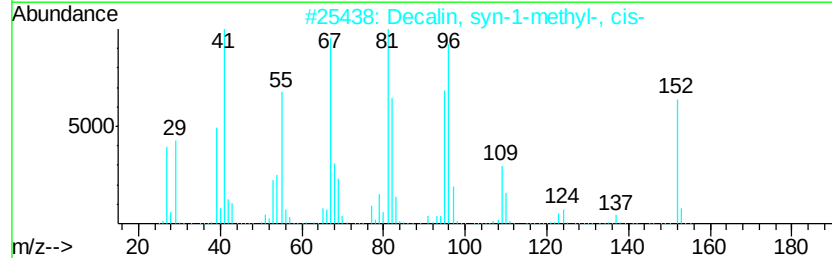
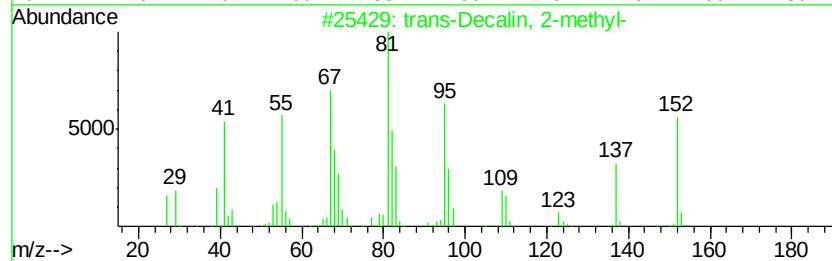
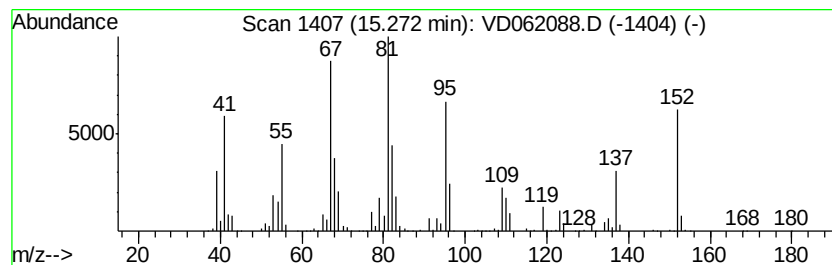
Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	91.48 ug/l	3912270	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	93
2	Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1	90
3	cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6	87
4	7-Hexadecyne	222 C16H30	074685-28-2	74
5	Bicyclo[4.1.0]heptane, 3-methyl-	110 C8H14	041977-47-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WASTE

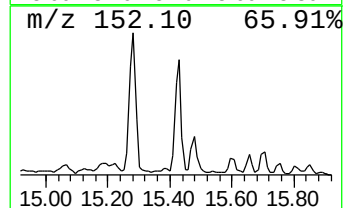
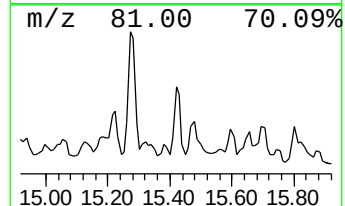
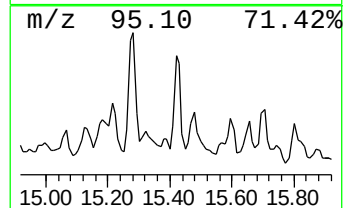
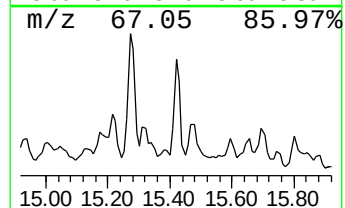
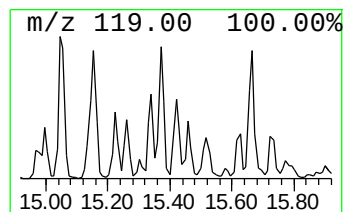
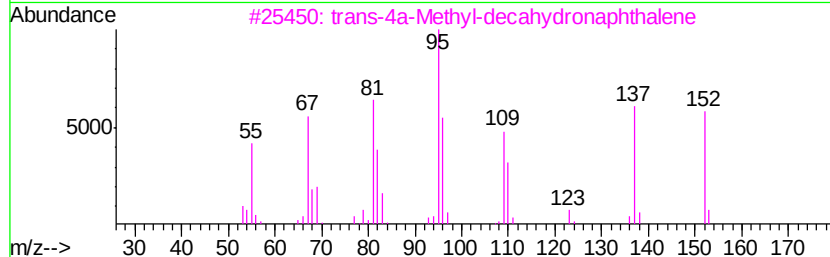
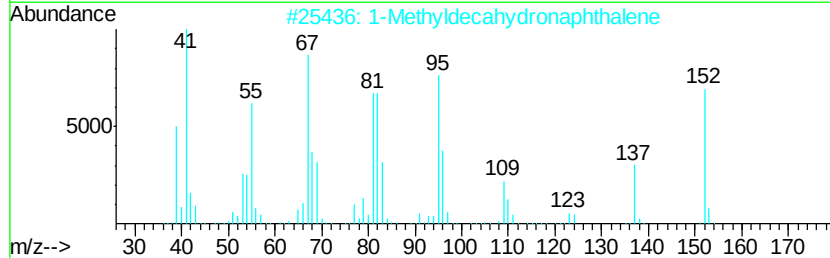
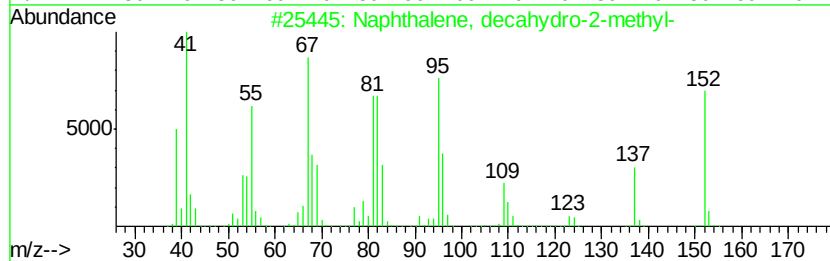
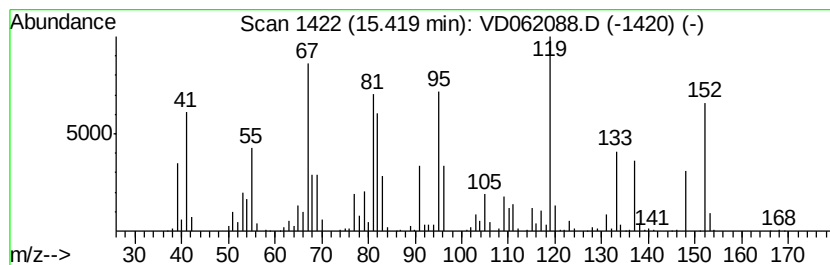
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	96.18 ug/l	4113270	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01µm/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WASTE

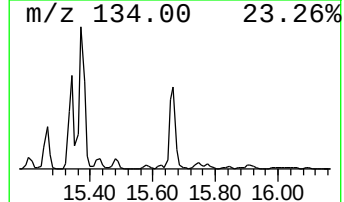
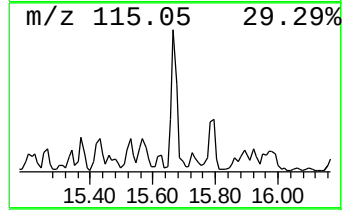
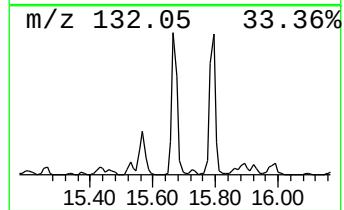
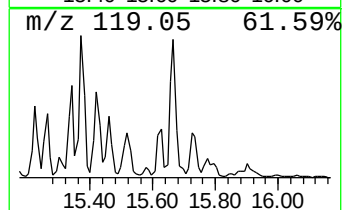
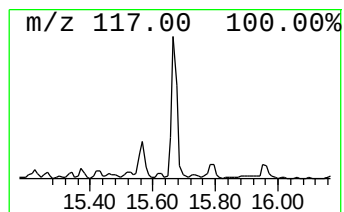
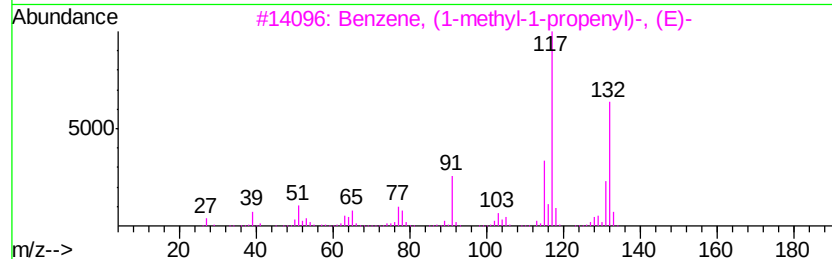
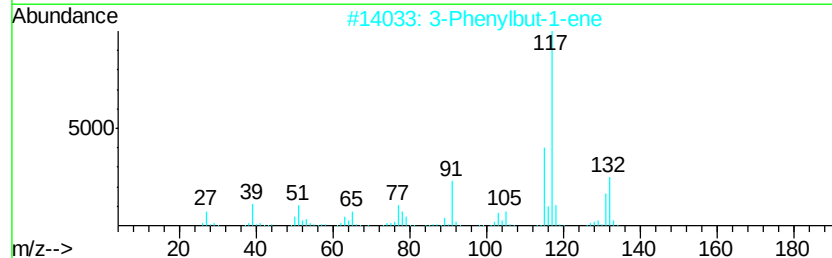
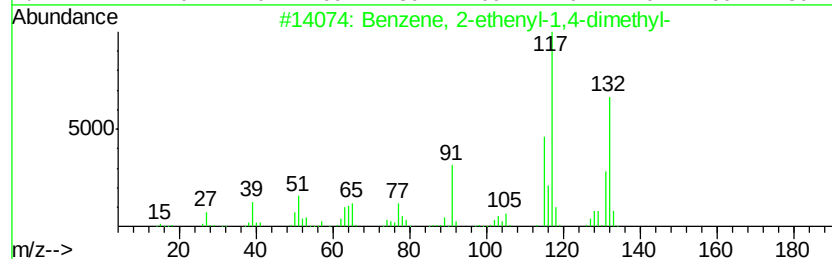
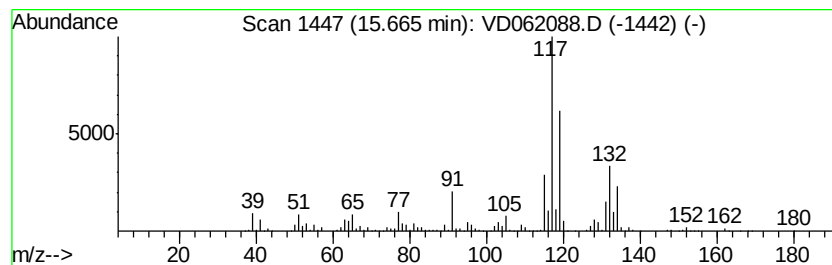
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	94.07 ug/l	4022970	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4		Indan, 1-methyl-	132	C10H12	000767-58-8	70
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD043019\
Data File : VD062088.D
Acq On : 30 Apr 2019 15:36
Operator : FY/SY
Sample : K2579-01
Misc : 5.01gm/5mL/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.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, propyl-	13.29	69.7	ug/l	1731180	3	12.36	1241940	50.0
Octane, 5-ethyl-2...	14.64	69.4	ug/l	2968890	4	14.51	2138370	50.0
Undecane	14.88	160.7	ug/l	6872620	4	14.51	2138370	50.0
Sulfurous acid, c...	15.02	110.6	ug/l	4730030	4	14.51	2138370	50.0
3-Phenylbut-1-ene	15.13	104.8	ug/l	4482720	4	14.51	2138370	50.0
Benzene, 1-methyl...	15.22	69.8	ug/l	2987240	4	14.51	2138370	50.0
trans-Decalin, 2-...	15.27	91.5	ug/l	3912270	4	14.51	2138370	50.0
Naphthalene, deca...	15.42	96.2	ug/l	4113270	4	14.51	2138370	50.0
Benzene, 2-etheny...	15.67	94.1	ug/l	4022970	4	14.51	2138370	50.0