

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062769.D
 Acq On : 19 Jun 2019 2:50
 Operator : VA/AP
 Sample : K3163-11
 Misc : 7.18g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-061719-B

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\82D060719S.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	1.478	3	5	22	rVB	584234	1600139	73.03%	3.595%
2	1.832	39	41	46	rVB2	13494	31808	1.45%	0.071%
3	3.230	178	183	189	rVB2	19294	58718	2.68%	0.132%
4	3.811	237	242	248	rBV	46684	119945	5.47%	0.269%
5	6.164	476	481	489	rVB5	9558	29768	1.36%	0.067%
6	6.931	552	559	565	rBV	410132	1155158	52.72%	2.595%
7	7.050	565	571	582	rVB	677677	1986705	90.67%	4.464%
8	7.453	605	612	624	rBV	304760	829450	37.86%	1.864%
9	8.221	680	690	700	rBV	865368	2165918	98.85%	4.866%
10	10.416	907	913	920	rBV	868054	2044184	93.29%	4.593%
11	10.505	920	922	928	rVB5	13542	30584	1.40%	0.069%
12	11.243	991	997	1004	rBV2	15418	41130	1.88%	0.092%
13	12.366	1107	1111	1123	rVB	1309320	2191110	100.00%	4.923%
14	12.671	1132	1142	1147	rVB4	19361	50764	2.32%	0.114%
15	13.055	1178	1181	1183	rVB2	30721	42604	1.94%	0.096%
16	13.222	1192	1198	1201	rBV2	13599	24017	1.10%	0.054%
17	13.311	1201	1207	1213	rBV4	18865	48308	2.20%	0.109%
18	13.399	1213	1216	1219	rVB2	14623	23214	1.06%	0.052%
19	13.498	1219	1226	1229	rBV3	9566	32425	1.48%	0.073%
20	13.557	1229	1232	1241	rVB	1168542	1581160	72.16%	3.553%
21	13.665	1241	1243	1245	rBV2	29940	41715	1.90%	0.094%
22	13.714	1245	1248	1251	rVV	40424	57577	2.63%	0.129%
23	13.773	1251	1254	1256	rVV	27938	29011	1.32%	0.065%
24	13.852	1259	1262	1263	rVV	104300	146963	6.71%	0.330%
25	13.882	1263	1265	1267	rVV	71850	110047	5.02%	0.247%
26	13.931	1267	1270	1272	rVV2	128248	223435	10.20%	0.502%
27	13.960	1272	1273	1277	rVV	180064	251970	11.50%	0.566%
28	14.088	1281	1286	1288	rVV	108030	205126	9.36%	0.461%
29	14.118	1288	1289	1292	rVV2	52813	65948	3.01%	0.148%
30	14.167	1292	1294	1295	rVV	27840	37306	1.70%	0.084%
31	14.206	1295	1298	1299	rVV	60834	102338	4.67%	0.230%
32	14.236	1299	1301	1308	rVV	313756	502103	22.92%	1.128%
33	14.325	1308	1310	1312	rVV2	33209	62263	2.84%	0.140%
34	14.374	1312	1315	1319	rVV5	71252	193009	8.81%	0.434%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	14.443	1319	1322	1324	rVV	147636	247175	11.28%	0.555%
36	14.472	1324	1325	1327	rVV2	43943	76615	3.50%	0.172%
37	14.521	1327	1330	1332	rVV	1465190	2002852	91.41%	4.500%
38	14.561	1332	1334	1338	rVV2	273333	519390	23.70%	1.167%
39	14.649	1338	1343	1345	rVV4	150035	303526	13.85%	0.682%
40	14.709	1345	1349	1351	rVV	268498	481791	21.99%	1.082%
41	14.738	1351	1352	1354	rVV	201561	183182	8.36%	0.412%
42	14.777	1354	1356	1358	rVV	285841	448472	20.47%	1.008%
43	14.856	1362	1364	1365	rVV	87655	141345	6.45%	0.318%
44	14.886	1365	1367	1372	rVV2	640489	1118322	51.04%	2.513%
45	14.974	1375	1376	1378	rVV	168493	273009	12.46%	0.613%
46	15.004	1378	1379	1382	rVV2	256423	453461	20.70%	1.019%
47	15.053	1382	1384	1386	rVV	289762	467797	21.35%	1.051%
48	15.092	1386	1388	1389	rVV2	137489	206346	9.42%	0.464%
49	15.142	1389	1393	1398	rVV4	301822	933671	42.61%	2.098%
50	15.230	1398	1402	1404	rVV4	171755	421765	19.25%	0.948%
51	15.280	1404	1407	1409	rVV2	318616	588186	26.84%	1.322%
52	15.319	1409	1411	1413	rVV2	347642	602057	27.48%	1.353%
53	15.388	1416	1418	1420	rVV2	333495	551539	25.17%	1.239%
54	15.427	1420	1422	1425	rVV2	317899	712318	32.51%	1.600%
55	15.476	1425	1427	1429	rVV3	196919	401417	18.32%	0.902%
56	15.516	1429	1431	1432	rVV2	154703	255890	11.68%	0.575%
57	15.575	1434	1437	1439	rVV2	320163	706203	32.23%	1.587%
58	15.604	1439	1440	1442	rVV	261001	375146	17.12%	0.843%
59	15.644	1442	1444	1446	rVV	809252	1386511	63.28%	3.115%
60	15.673	1446	1447	1452	rVV2	854703	1526837	69.68%	3.430%
61	15.742	1452	1454	1457	rVV2	386273	799540	36.49%	1.796%
62	15.801	1457	1460	1465	rVV2	661161	1411971	64.44%	3.172%
63	15.900	1465	1470	1472	rVV3	284938	996289	45.47%	2.238%
64	15.998	1475	1480	1483	rVV4	357503	1164459	53.14%	2.616%
65	16.057	1483	1486	1487	rVV2	293781	589223	26.89%	1.324%
66	16.077	1487	1488	1492	rVV3	269404	573351	26.17%	1.288%
67	16.146	1492	1495	1497	rVV3	413850	841586	38.41%	1.891%
68	16.175	1497	1498	1500	rVV	332543	434025	19.81%	0.975%
69	16.234	1500	1504	1508	rVV3	409494	1114300	50.86%	2.504%
70	16.313	1508	1512	1515	rVV3	472447	958409	43.74%	2.153%
71	16.362	1515	1517	1521	rVV2	274760	646375	29.50%	1.452%

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72	16.421	1521	1523	1526	rVV3	168967	400613	18.28%	0.900%
73	16.510	1526	1532	1536	rVV	430331	1138173	51.95%	2.557%
74	16.579	1536	1539	1542	rVV4	119351	340257	15.53%	0.764%
75	16.628	1542	1544	1551	rVV	157657	489073	22.32%	1.099%
76	16.736	1551	1555	1557	rVV	203018	391418	17.86%	0.879%
77	16.776	1557	1559	1563	rVV4	65063	168182	7.68%	0.378%
78	16.845	1563	1566	1567	rVV3	52845	104941	4.79%	0.236%
79	16.874	1567	1569	1572	rVV	106527	181148	8.27%	0.407%
80	16.924	1572	1574	1579	rVB4	51945	114672	5.23%	0.258%
81	16.992	1579	1581	1583	rBV2	19818	26134	1.19%	0.059%
82	17.061	1584	1588	1591	rVB5	26732	54996	2.51%	0.124%
83	17.150	1596	1597	1603	rVV6	17034	42574	1.94%	0.096%
84	17.239	1603	1606	1609	rVB5	13983	25706	1.17%	0.058%

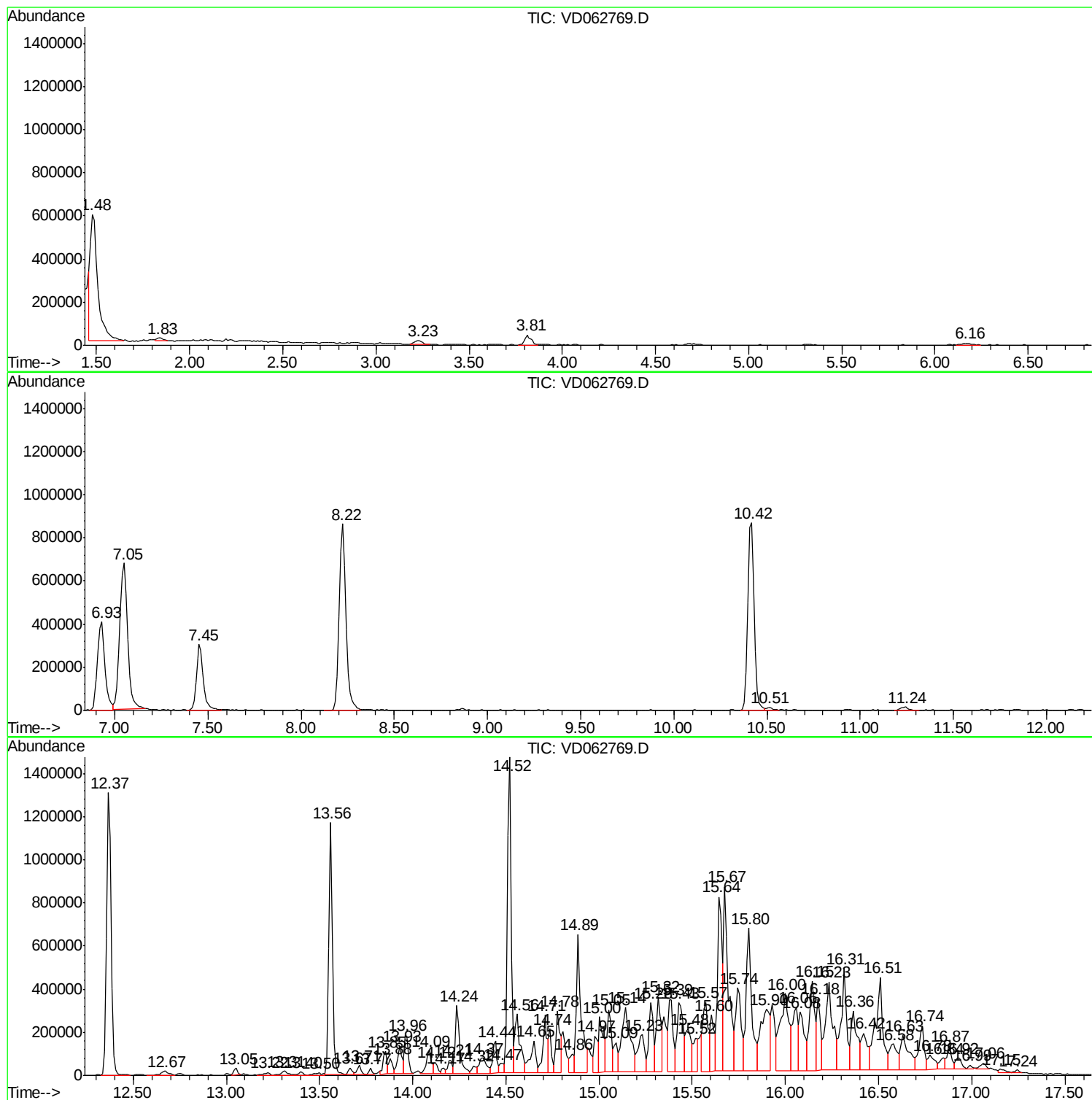
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Quant Title : SW846 8260

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



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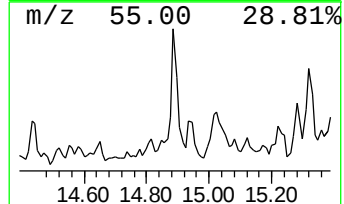
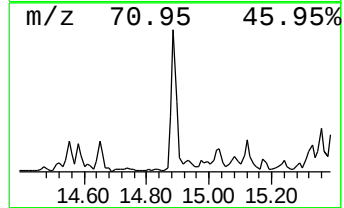
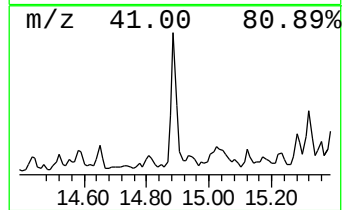
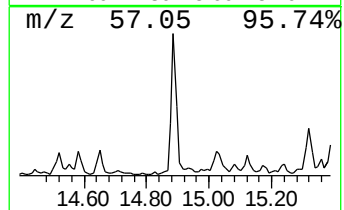
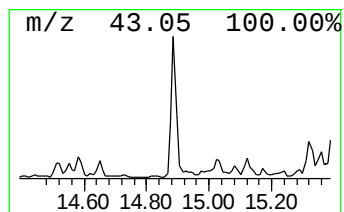
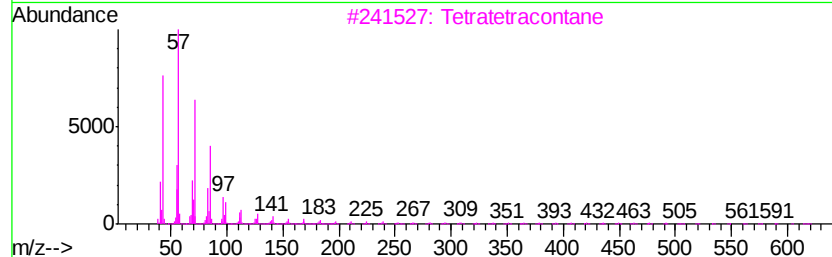
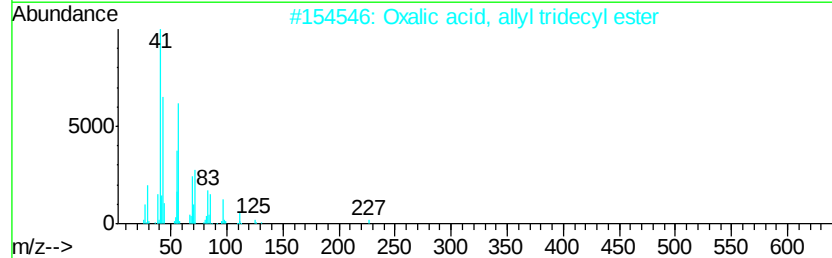
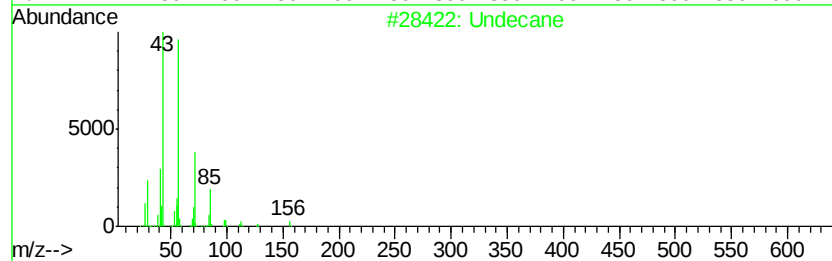
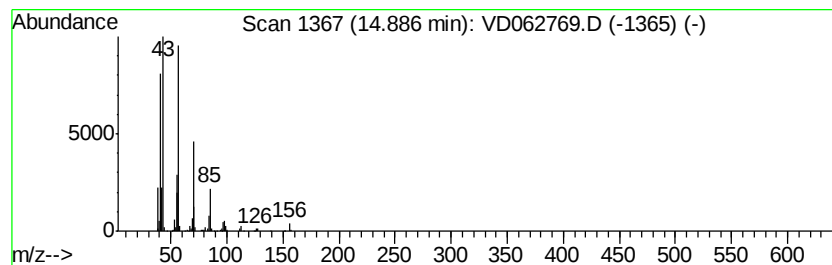
Instrument :
MSVOA_D
ClientSampleId :
SU-03-061719-B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	27.92 ug/l	1118320	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 90
2	Oxalic acid, allyl tridecyl ester		312 C18H32O4	1000309-24-1 78
3	Tetratetracontane		619 C44H90	007098-22-8 64
4	Tridecane, 2-methyl-		198 C14H30	001560-96-9 64
5	Tetradecane, 1-fluoro-		216 C14H29F	000593-33-9 59



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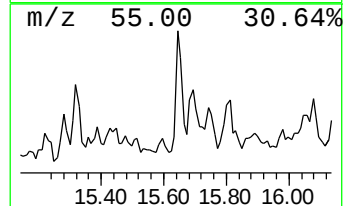
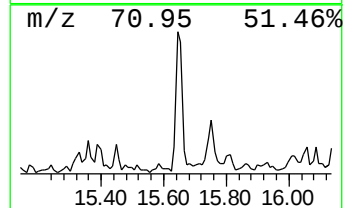
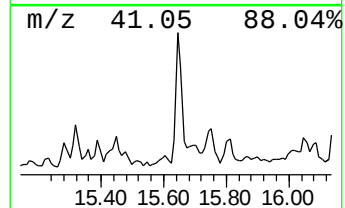
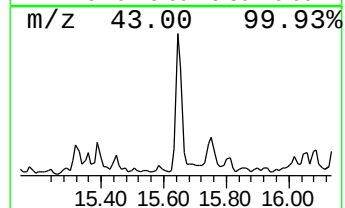
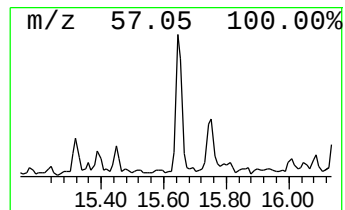
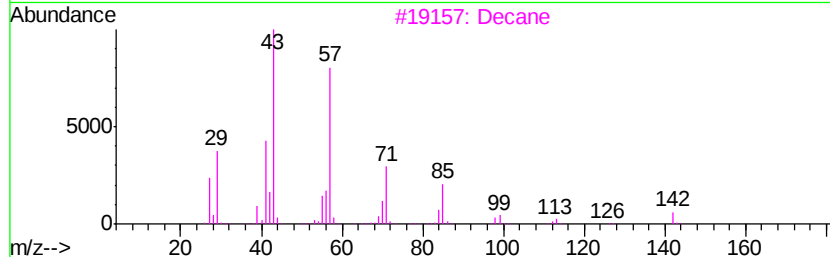
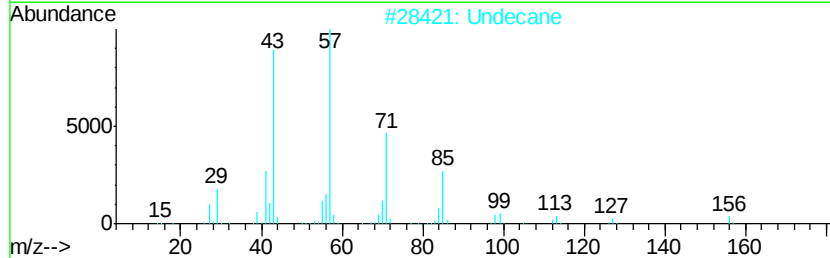
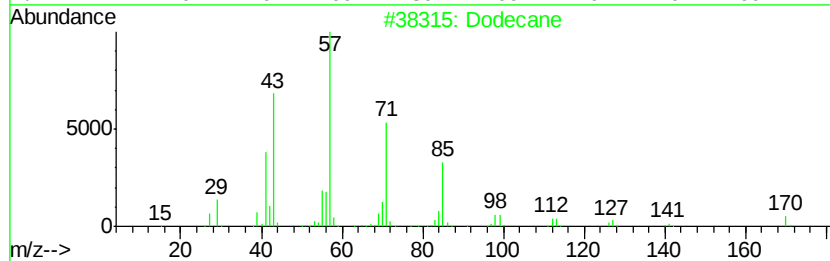
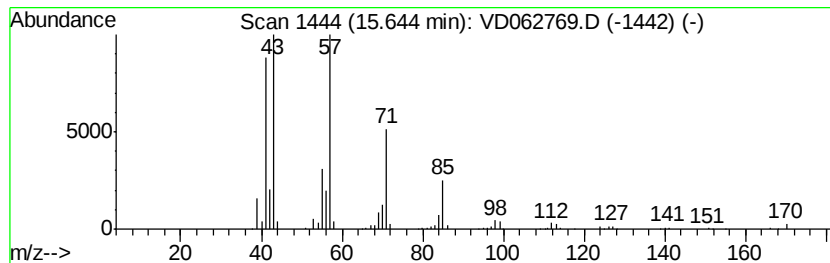
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	34.61 ug/l	1386510	1,4-Dichlorobenzene-d4	14.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	90
2	Undecane		156	C11H24	001120-21-4	78
3	Decane		142	C10H22	000124-18-5	72
4	Tridecane		184	C13H28	000629-50-5	72
5	Hexadecane		226	C16H34	000544-76-3	64



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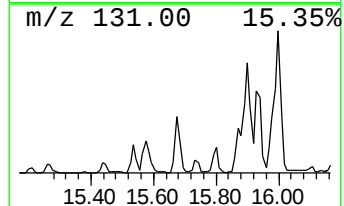
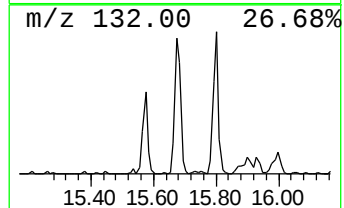
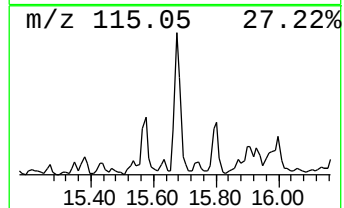
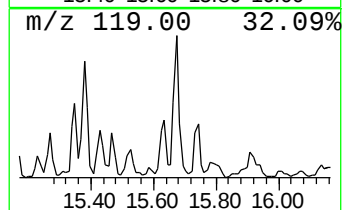
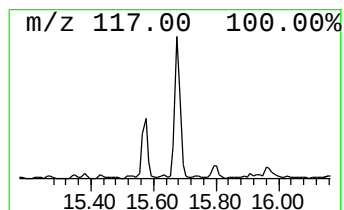
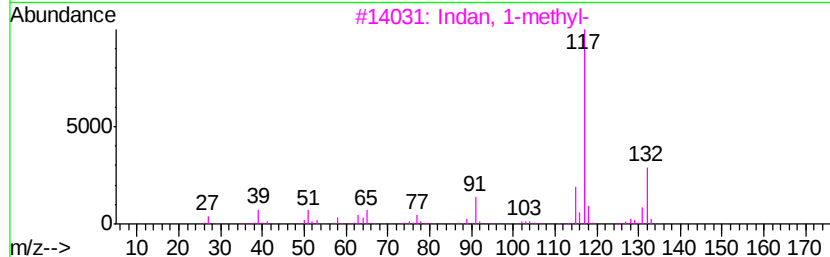
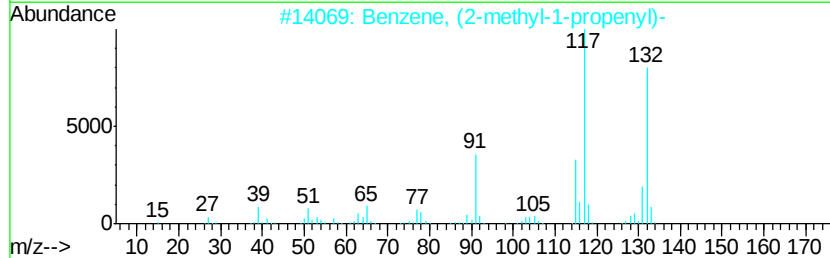
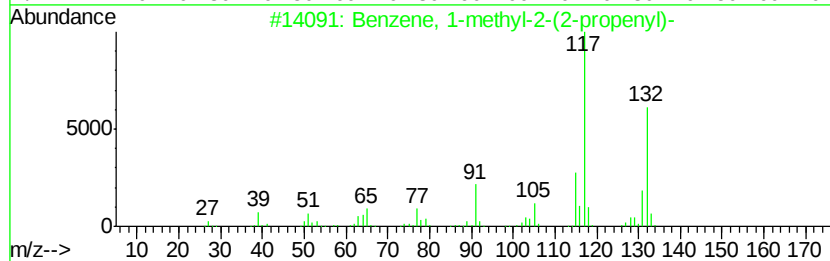
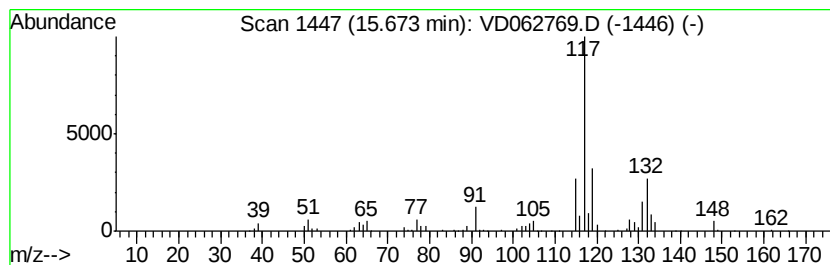
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	38.12 ug/l	1526840	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
3		Indan, 1-methyl-	132	C10H12	000767-58-8	64
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	62



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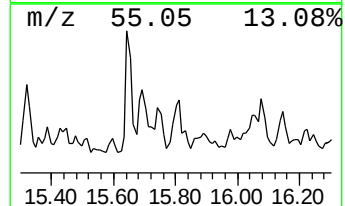
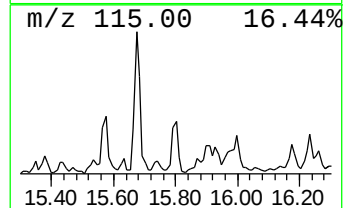
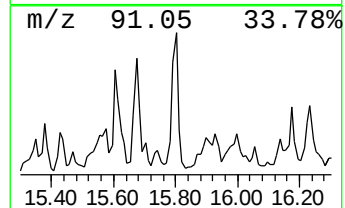
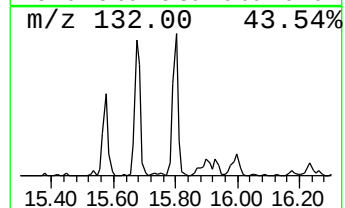
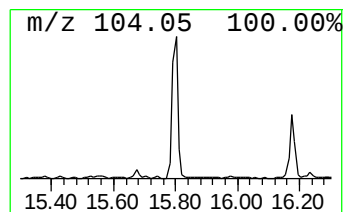
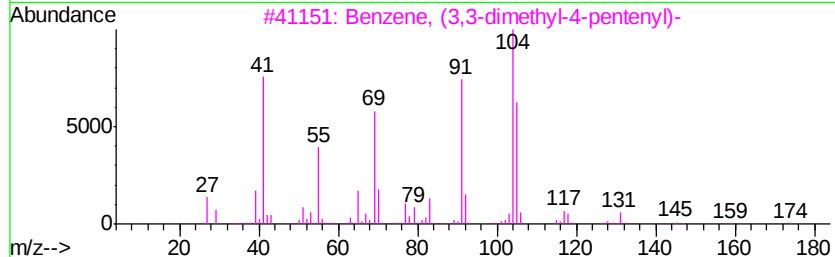
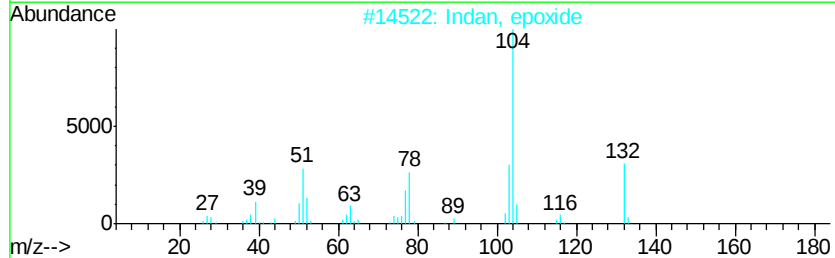
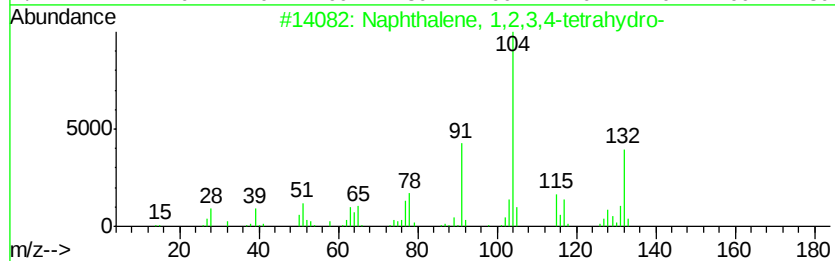
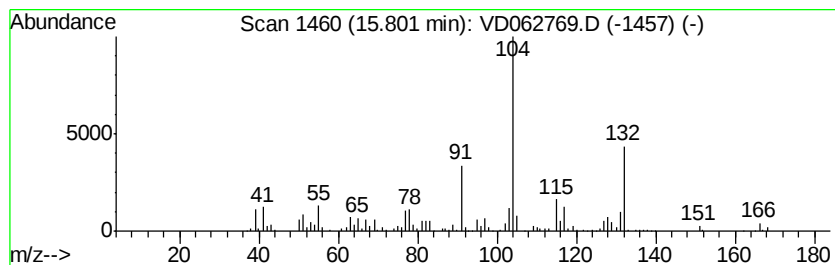
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	35.25 ug/l	1411970	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2		Indan, epoxide	132	C9H8O	000768-22-9	58
3		Benzene, (3,3-dimethyl-4-pentenyl)-	174	C13H18	061142-18-5	47
4		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
5		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062769.D
Acq On : 19 Jun 2019 2:50
Operator : VA/AP
Sample : K3163-11
Misc : 7.18g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
SU-03-061719-B

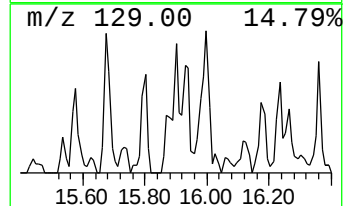
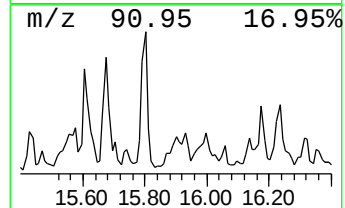
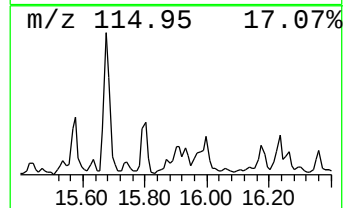
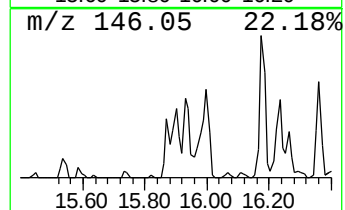
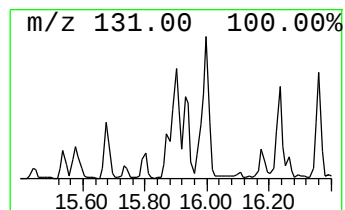
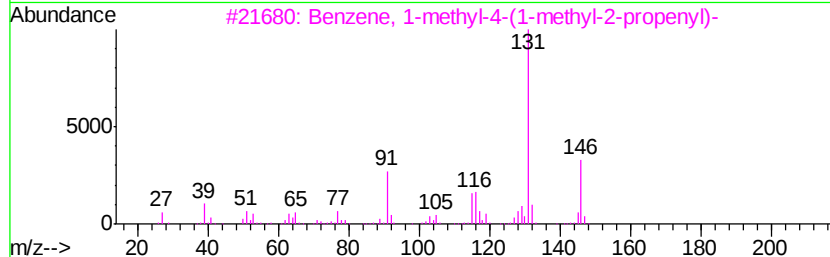
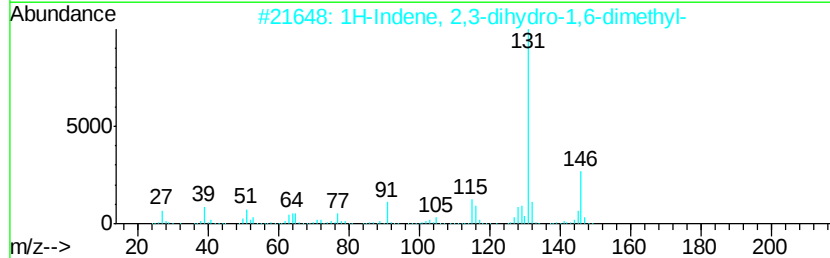
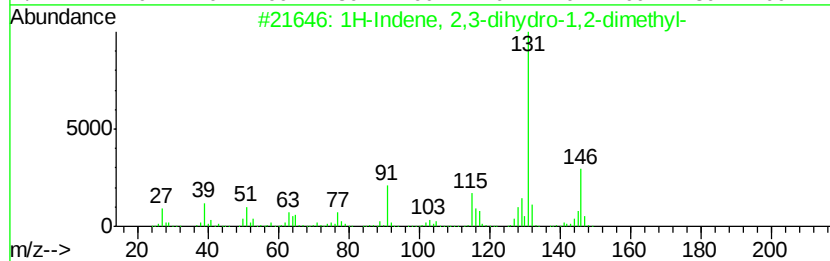
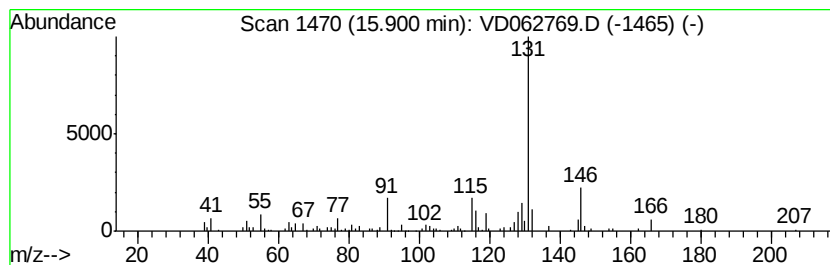
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	24.87 ug/l	996289	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062769.D
Acq On : 19 Jun 2019 2:50
Operator : VA/AP
Sample : K3163-11
Misc : 7.18g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
SU-03-061719-B

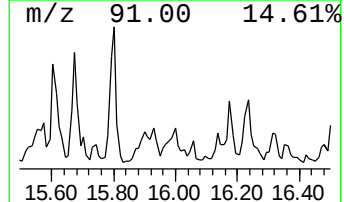
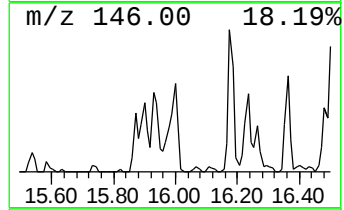
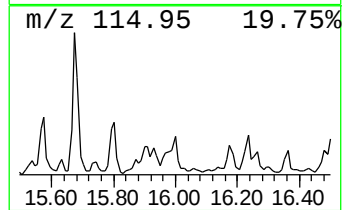
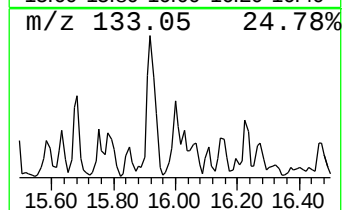
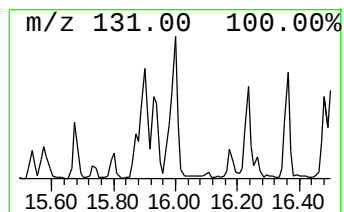
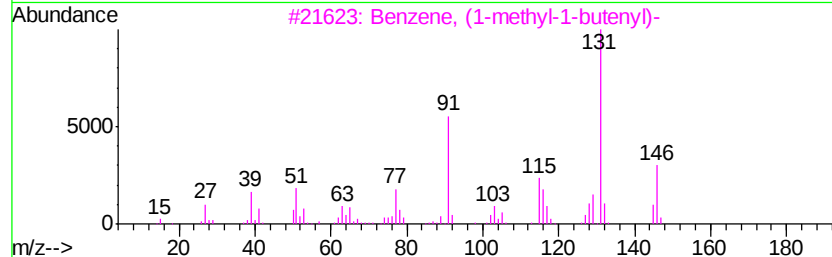
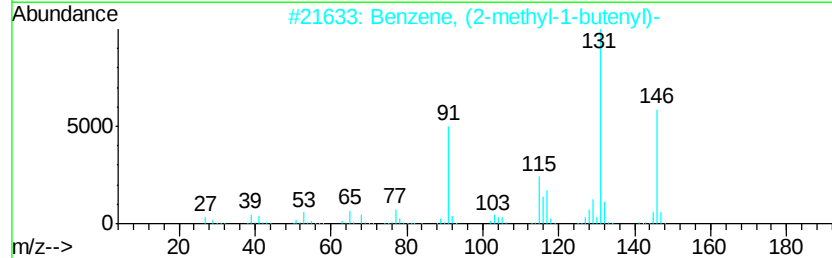
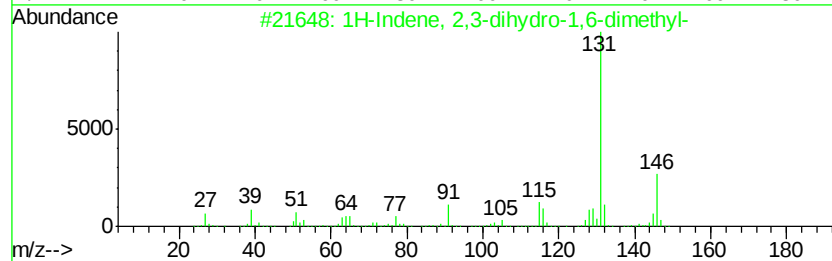
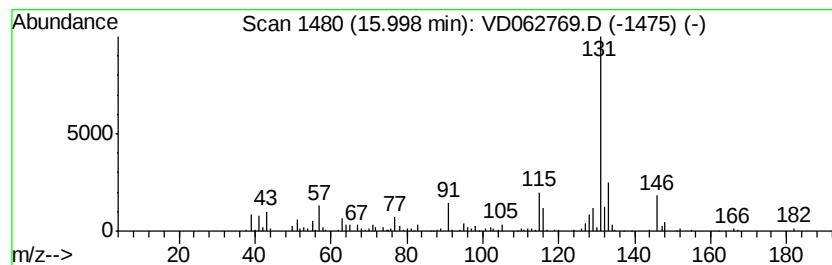
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	29.07 ug/l	1164460	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062769.D
Acq On : 19 Jun 2019 2:50
Operator : VA/AP
Sample : K3163-11
Misc : 7.18g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleID :
SU-03-061719-B

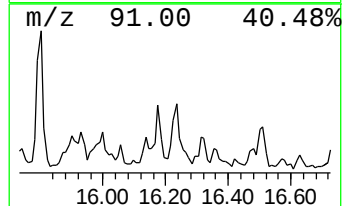
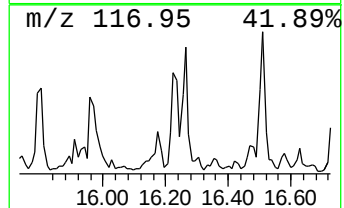
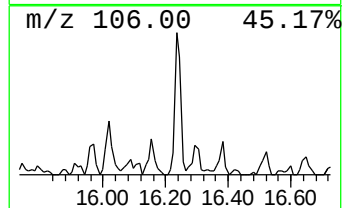
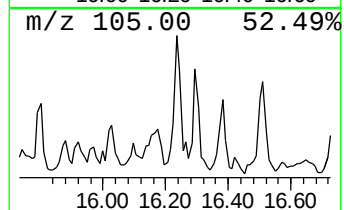
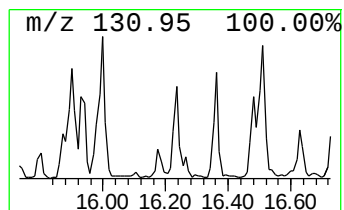
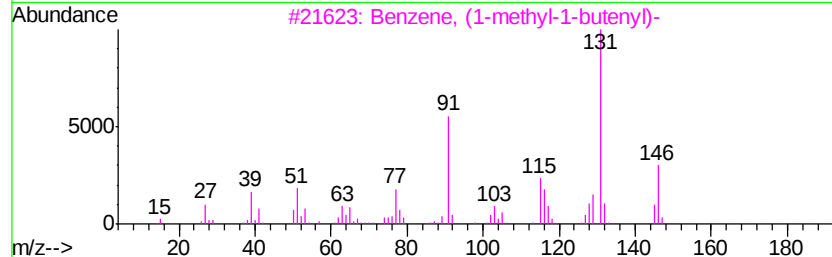
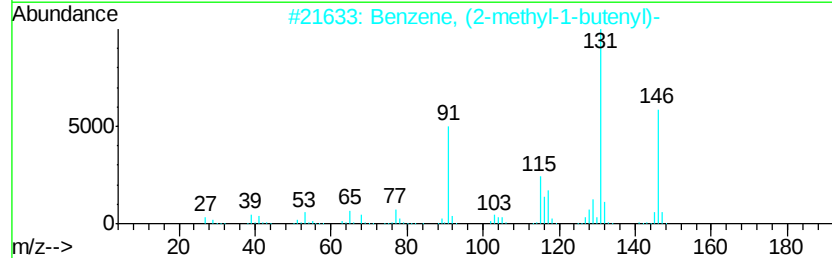
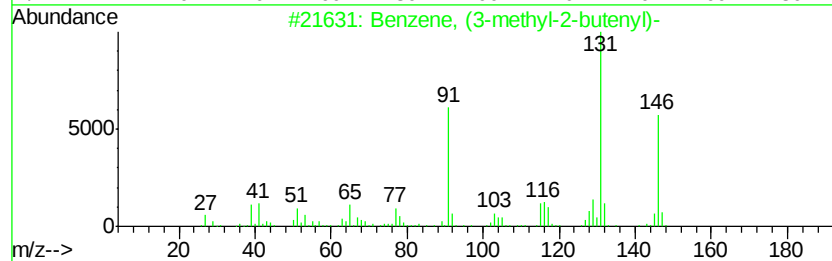
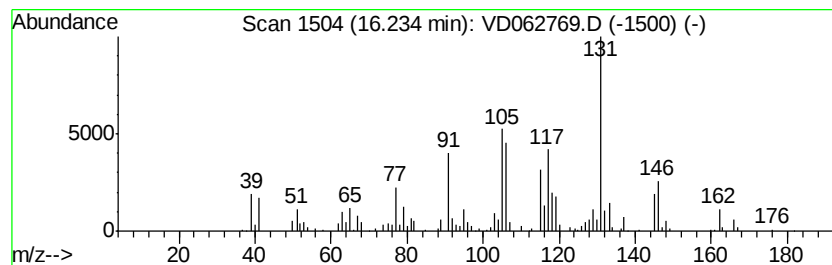
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	27.82 ug/l	1114300	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49
5		Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062769.D
Acq On : 19 Jun 2019 2:50
Operator : VA/AP
Sample : K3163-11
Misc : 7.18g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061719-B

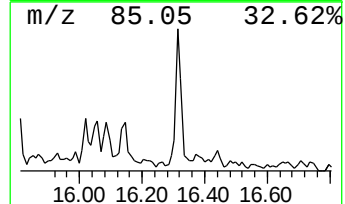
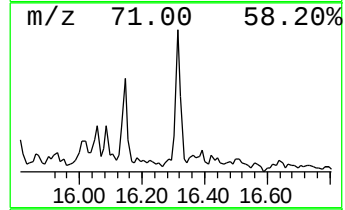
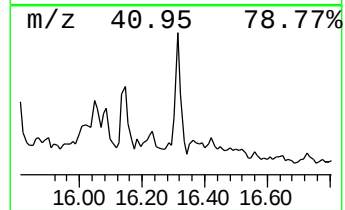
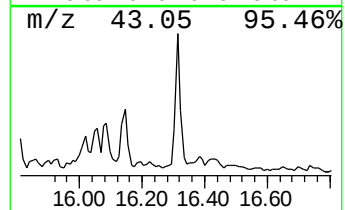
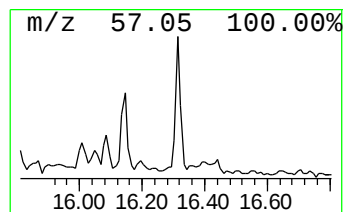
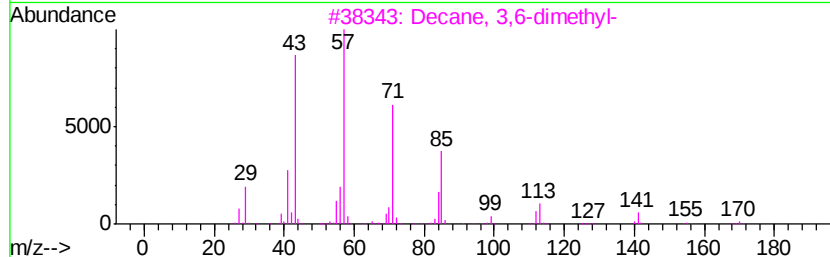
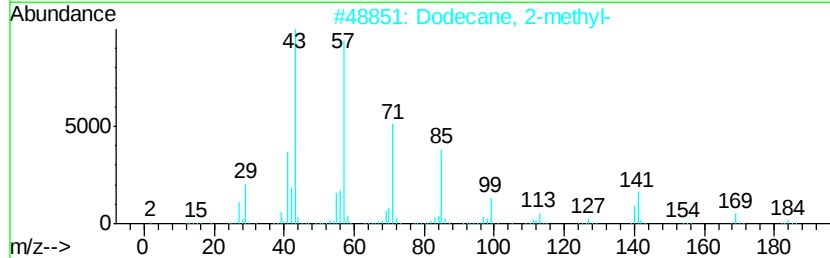
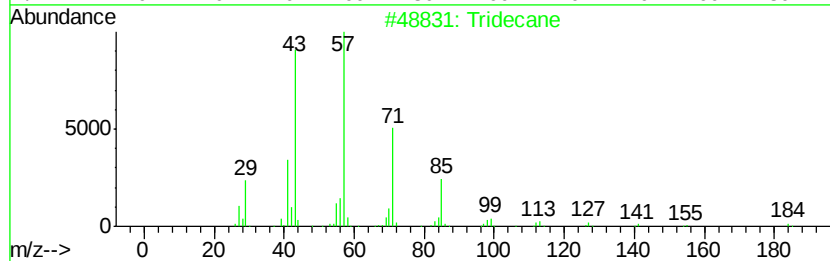
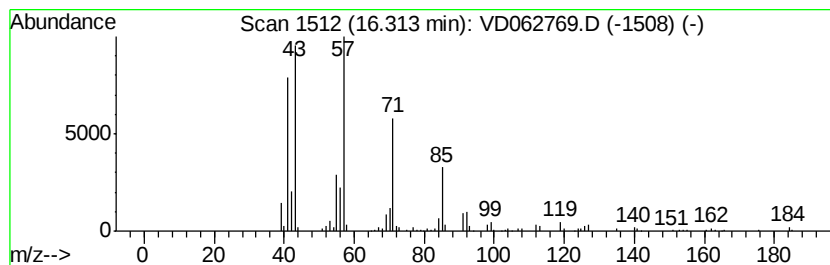
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	23.93 ug/l	958409	1,4-Dichlorobenzene-d4	14.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	76
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	72
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	53
4	Hexadecane		226	C16H34	000544-76-3	53
5	Octane, 4-methyl-		128	C9H20	002216-34-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061819\
Data File : VD062769.D
Acq On : 19 Jun 2019 2:50
Operator : VA/AP
Sample : K3163-11
Misc : 7.18g/5ml/MSVOA D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
SU-03-061719-B

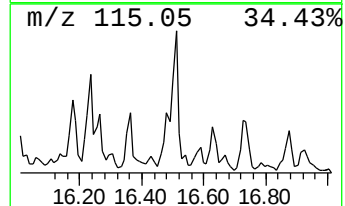
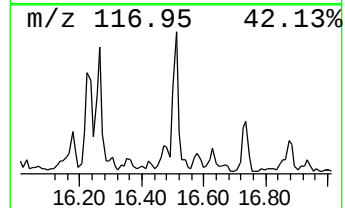
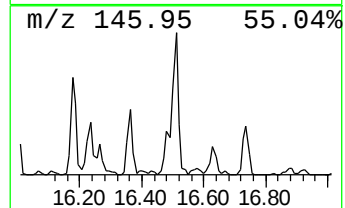
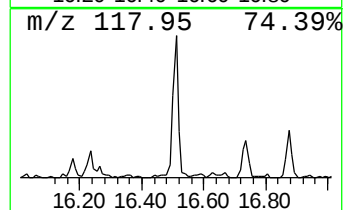
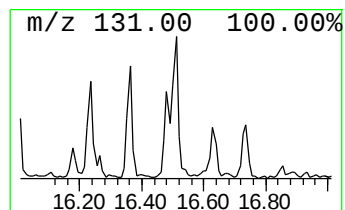
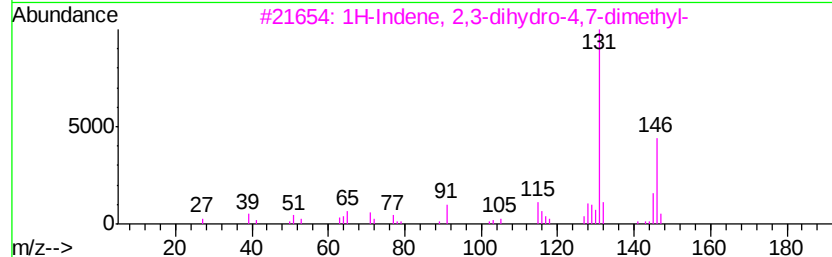
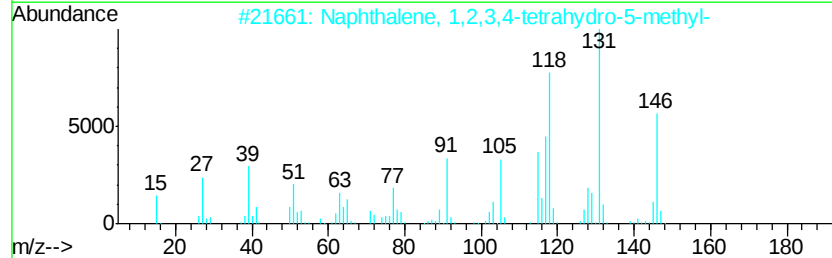
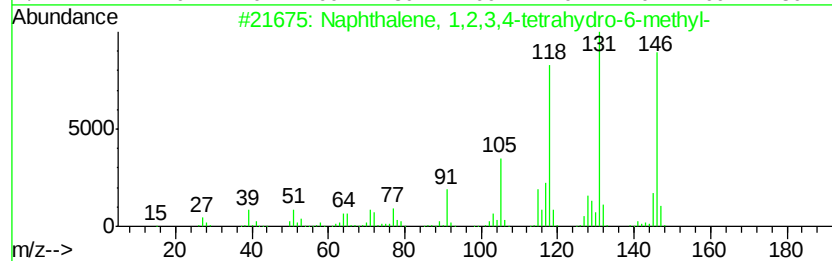
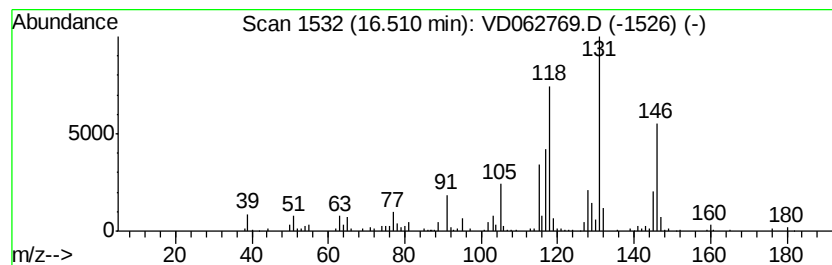
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	28.41 ug/l	1138170	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062769.D
Acq On : 19 Jun 2019 2:50
Operator : VA/AP
Sample : K3163-11
Misc : 7.18g/5ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-061719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.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
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Dodecane	15.64	34.6	ug/l	1386510	4	14.52	2002850	50.0
Benzene, 1-methyl...	15.67	38.1	ug/l	1526840	4	14.52	2002850	50.0
Naphthalene, 1,2,...	15.80	35.3	ug/l	1411970	4	14.52	2002850	50.0
1H-Indene, 2,3-di...	15.90	24.9	ug/l	996289	4	14.52	2002850	50.0
1H-Indene, 2,3-di...	16.00	29.1	ug/l	1164460	4	14.52	2002850	50.0
Benzene, (3-methy...	16.23	27.8	ug/l	1114300	4	14.52	2002850	50.0
Tridecane	16.31	23.9	ug/l	958409	4	14.52	2002850	50.0
Naphthalene, 1,2,...	16.51	28.4	ug/l	1138170	4	14.52	2002850	50.0