

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061329.D
 Acq On : 26 Mar 2019 6:10
 Operator : VA/AP
 Sample : K2047-02
 Misc : 6.30g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB432-190320-(28-30)

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\82D032519S.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	1.868	40	45	60	rBV	387840	900717	39.26%	3.563%
2	3.236	178	184	190	rBV	14008	43607	1.90%	0.172%
3	3.394	195	200	204	rBV	11444	31809	1.39%	0.126%
4	3.827	239	244	248	rBV2	39317	118845	5.18%	0.470%
5	3.994	256	261	269	rVB2	9649	27931	1.22%	0.110%
6	4.230	280	285	290	rVB2	12765	30718	1.34%	0.122%
7	6.042	462	469	476	rBV	726721	2294176	100.00%	9.075%
8	6.140	476	479	491	rVB	88305	321031	13.99%	1.270%
9	6.928	552	559	566	rBV	310269	891689	38.87%	3.527%
10	7.046	566	571	584	rVB	462154	1294768	56.44%	5.122%
11	7.459	606	613	624	rBV	205114	592463	25.82%	2.344%
12	8.217	684	690	704	rBV	574873	1536475	66.97%	6.078%
13	10.403	906	912	919	rBV	724965	1612113	70.27%	6.377%
14	10.501	919	922	935	rVB	32620	79551	3.47%	0.315%
15	11.230	990	996	1005	rBV2	10990	31147	1.36%	0.123%
16	12.362	1107	1111	1119	rVB	917165	1595636	69.55%	6.312%
17	12.519	1124	1127	1131	rVB	58213	89489	3.90%	0.354%
18	12.657	1135	1141	1146	rBV2	22432	45419	1.98%	0.180%
19	12.736	1146	1149	1153	rVB2	13282	23888	1.04%	0.094%
20	12.992	1171	1175	1178	rBV	48096	85346	3.72%	0.338%
21	13.041	1178	1180	1182	rVV	55481	76305	3.33%	0.302%
22	13.080	1182	1184	1188	rVB	34779	64190	2.80%	0.254%
23	13.149	1188	1191	1193	rBV2	22905	39795	1.73%	0.157%
24	13.218	1195	1198	1201	rVB	163391	240855	10.50%	0.953%
25	13.287	1201	1205	1207	rBV	31635	70185	3.06%	0.278%
26	13.326	1207	1209	1213	rVB	79345	122809	5.35%	0.486%
27	13.395	1213	1216	1219	rVB4	13422	25177	1.10%	0.100%
28	13.484	1219	1225	1227	rBV2	61359	134901	5.88%	0.534%
29	13.553	1227	1232	1237	rVB3	714687	1239000	54.01%	4.901%
30	13.622	1237	1239	1241	rBV3	17778	27394	1.19%	0.108%
31	13.661	1241	1243	1245	rVB	91267	105164	4.58%	0.416%
32	13.710	1245	1248	1251	rVB3	56584	91967	4.01%	0.364%
33	13.769	1251	1254	1257	rBV	247862	319395	13.92%	1.263%
34	13.838	1257	1261	1264	rVB6	24984	54014	2.35%	0.214%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.917	1264	1269	1271	rBV4	41204	104948	4.57%	0.415%
36	13.957	1271	1273	1277	rVB	134186	209800	9.14%	0.830%
37	14.016	1277	1279	1282	rBV3	30350	49743	2.17%	0.197%
38	14.114	1286	1289	1291	rBV	100876	168251	7.33%	0.666%
39	14.163	1291	1294	1295	rBV	110381	176061	7.67%	0.696%
40	14.193	1295	1297	1300	rVV	560101	786178	34.27%	3.110%
41	14.252	1300	1303	1307	rVB3	141469	254383	11.09%	1.006%
42	14.321	1307	1310	1312	rBV	119956	163692	7.14%	0.648%
43	14.370	1312	1315	1319	rVB2	214086	307122	13.39%	1.215%
44	14.468	1319	1325	1327	rBV3	119207	223832	9.76%	0.885%
45	14.518	1327	1330	1335	rBV	1097445	1847111	80.51%	7.306%
46	14.577	1335	1336	1339	rVB	198535	196251	8.55%	0.776%
47	14.646	1341	1343	1347	rVB	353075	415657	18.12%	1.644%
48	14.705	1347	1349	1350	rBV2	22841	37308	1.63%	0.148%
49	14.823	1357	1361	1363	rBV3	97628	214311	9.34%	0.848%
50	14.892	1363	1368	1370	rVV4	97725	247327	10.78%	0.978%
51	14.931	1370	1372	1375	rVV2	118508	225795	9.84%	0.893%
52	15.020	1378	1381	1385	rVB3	203699	389694	16.99%	1.541%
53	15.079	1385	1387	1389	rVB	58469	65714	2.86%	0.260%
54	15.118	1389	1391	1395	rVB4	222771	339249	14.79%	1.342%
55	15.167	1395	1396	1398	rBV	42749	58185	2.54%	0.230%
56	15.286	1405	1408	1409	rBV	250715	355192	15.48%	1.405%
57	15.315	1409	1411	1413	rVV2	307312	511713	22.30%	2.024%
58	15.354	1413	1415	1416	rVV2	162363	210457	9.17%	0.832%
59	15.384	1416	1418	1422	rVV	208282	435031	18.96%	1.721%
60	15.443	1422	1424	1426	rVV2	169129	224600	9.79%	0.888%
61	15.502	1429	1430	1435	rVV4	60704	129284	5.64%	0.511%
62	15.581	1435	1438	1442	rVV3	93250	176953	7.71%	0.700%
63	15.630	1442	1443	1444	rVV	47915	53367	2.33%	0.211%
64	15.689	1444	1449	1452	rVV4	107786	325486	14.19%	1.288%
65	15.748	1452	1455	1458	rVV	216475	357733	15.59%	1.415%
66	15.807	1458	1461	1465	rVB2	147062	268256	11.69%	1.061%
67	15.876	1465	1468	1471	rVB2	52491	88905	3.88%	0.352%
68	15.925	1471	1473	1477	rBV3	39043	80490	3.51%	0.318%
69	16.044	1482	1485	1492	rVV3	206047	525248	22.89%	2.078%
70	16.142	1492	1495	1499	rVV2	164522	326947	14.25%	1.293%
71	16.201	1499	1501	1508	rVV5	72245	220734	9.62%	0.873%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	16.299	1508	1511	1516	rVV5	34823	118662	5.17%	0.469%
73	16.408	1520	1522	1526	rVB3	44454	77654	3.38%	0.307%
74	16.487	1527	1530	1537	rVB5	22146	55170	2.40%	0.218%

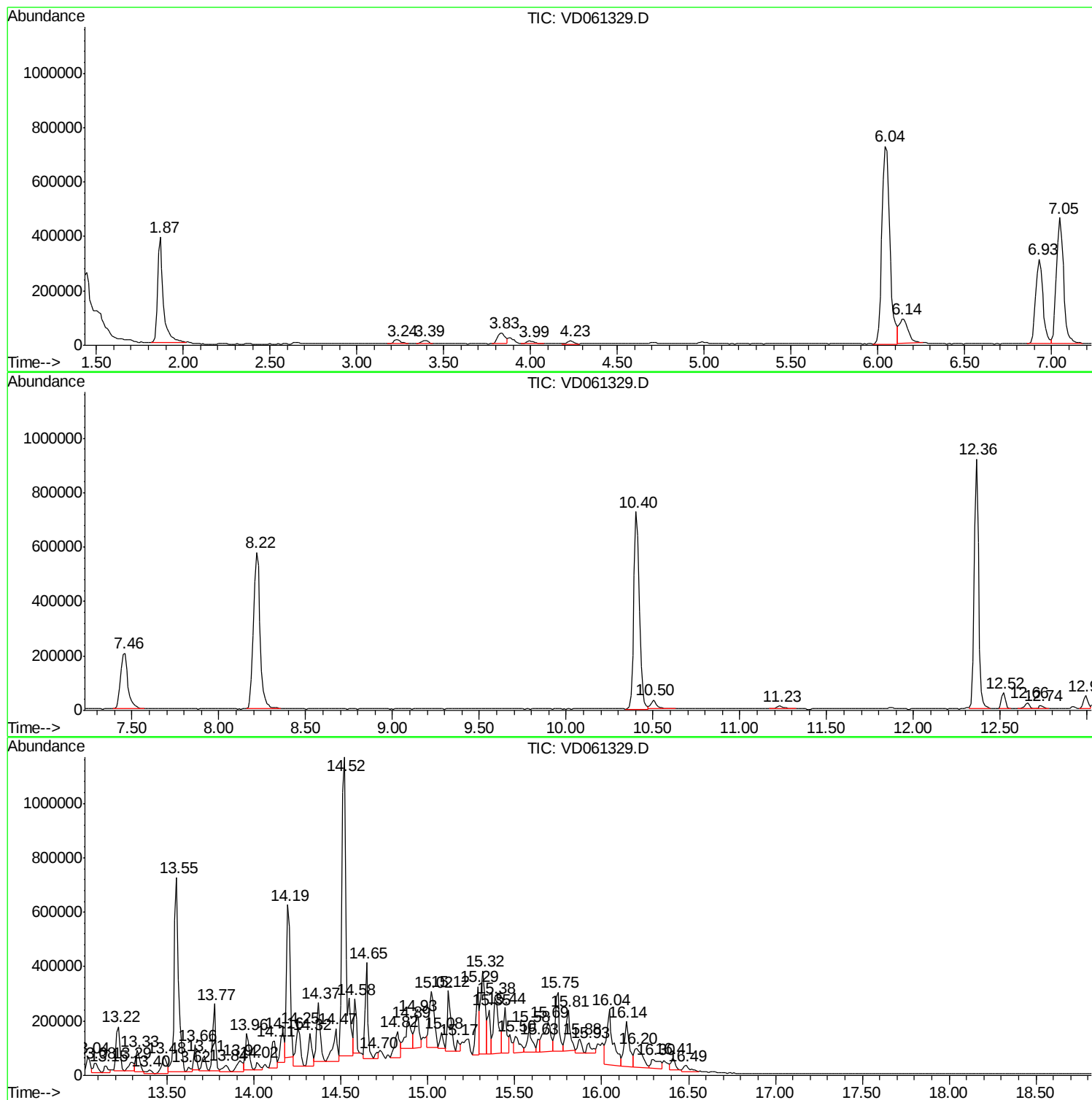
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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



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Operator : VA/AP
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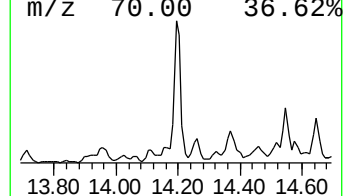
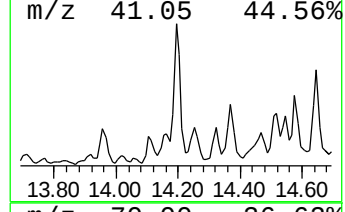
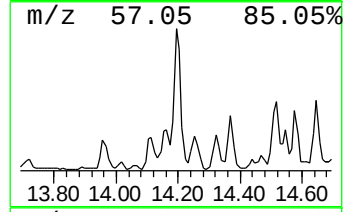
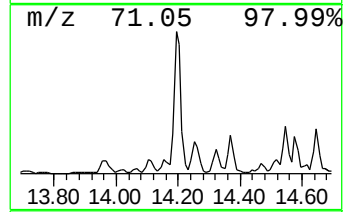
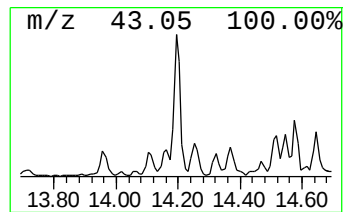
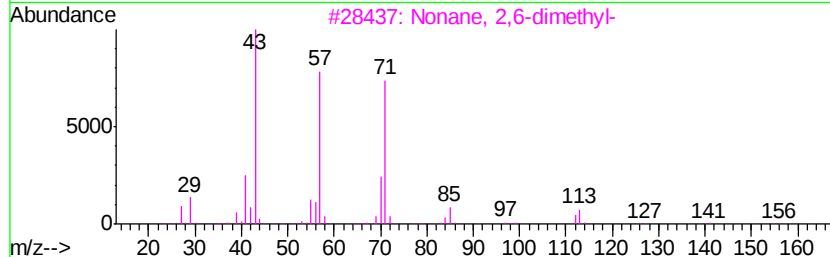
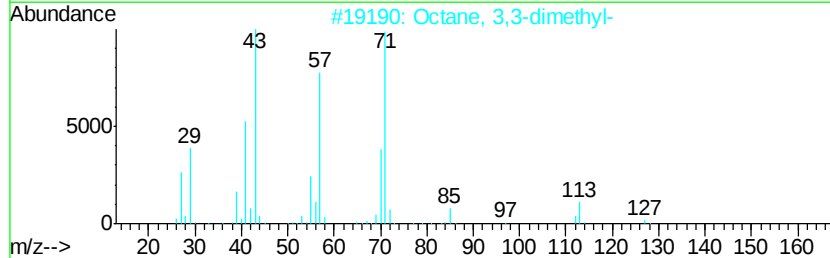
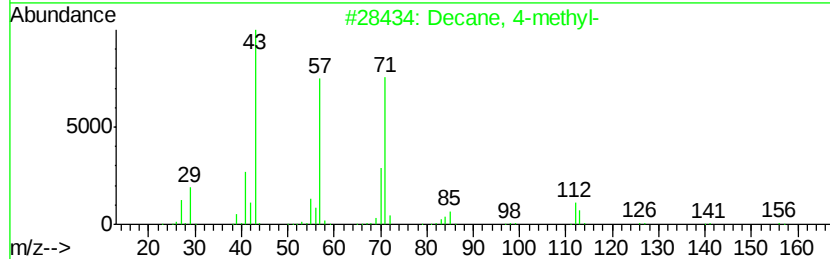
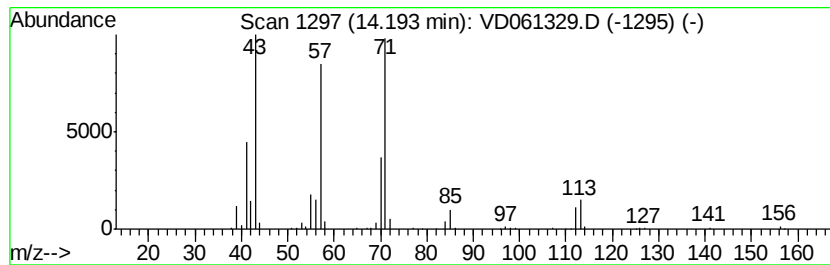
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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

Peak Number 2 Decane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	21.28 ug/l	786178	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	91
2	Octane, 3,3-dimethyl-	142 C10H22	004110-44-5	86
3	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	78
4	Sulfurous acid, octyl 2-pentyl e...	264 C13H28O3S	1000309-15-7	72
5	Hexane, 3,3,4,4-tetramethyl-	142 C10H22	005171-84-6	64



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Misc : 6.30g/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

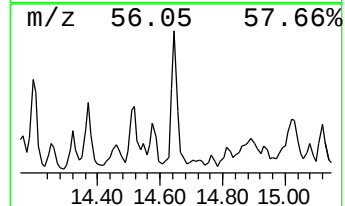
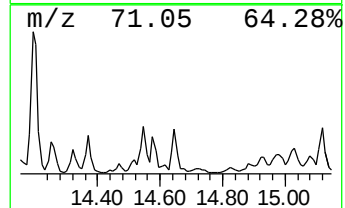
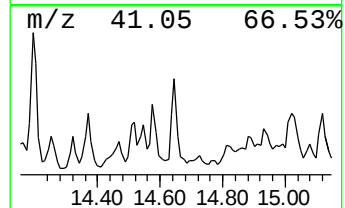
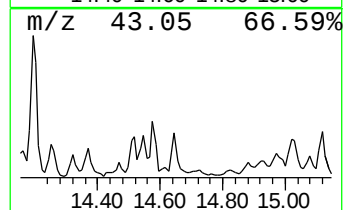
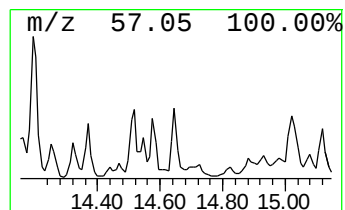
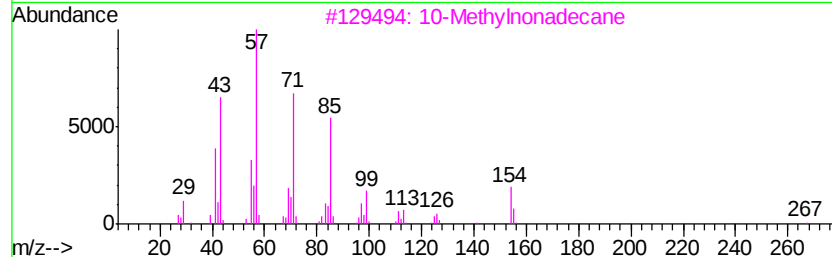
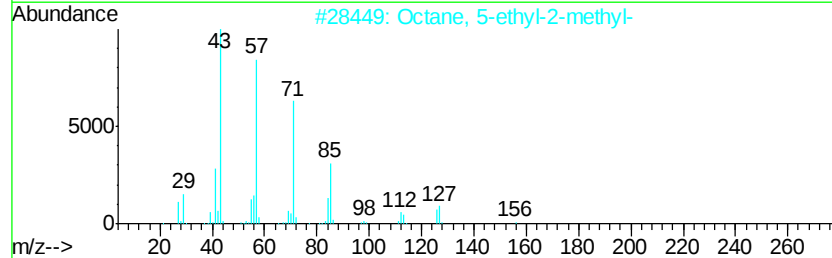
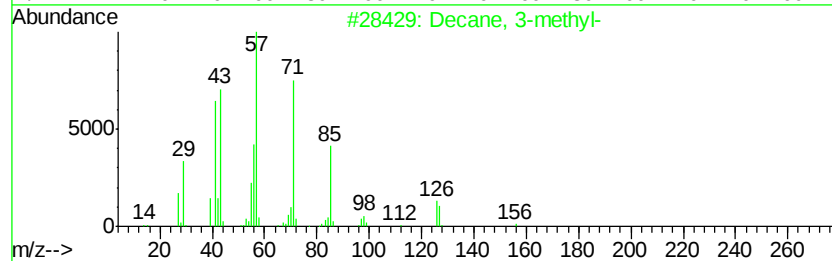
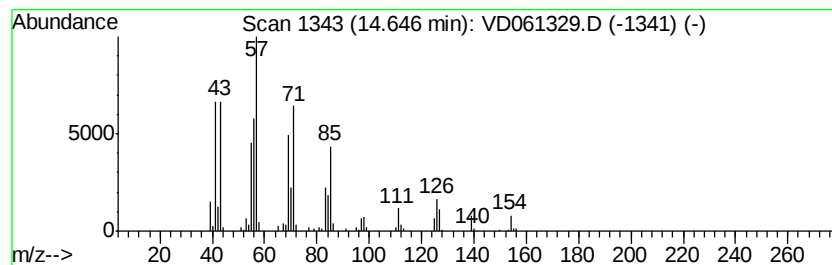
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	11.25 ug/l	415657	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3-methyl-	156 C11H24	013151-34-3	64
2	Octane, 5-ethyl-2-methyl-	156 C11H24	062016-18-6	49
3	10-Methylnonadecane	282 C20H42	056862-62-5	47
4	Octane, 3,4,5,6-tetramethyl-	170 C12H26	062185-21-1	43
5	Carbonic acid, isobutyl isohexyl...	202 C11H22O3	1000314-60-3	43



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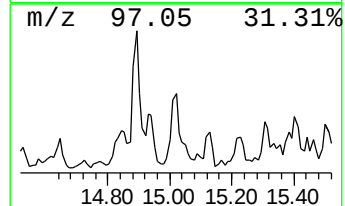
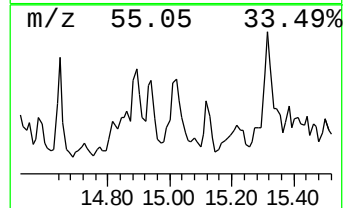
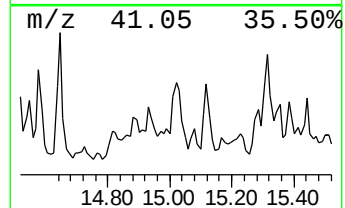
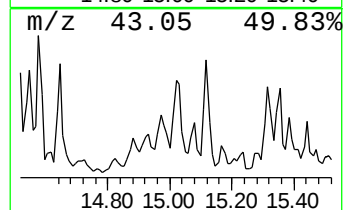
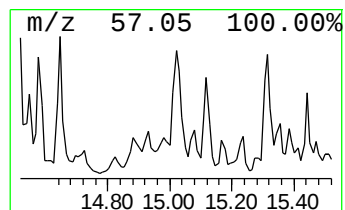
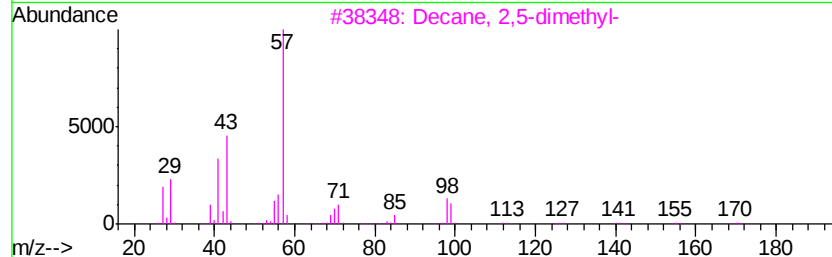
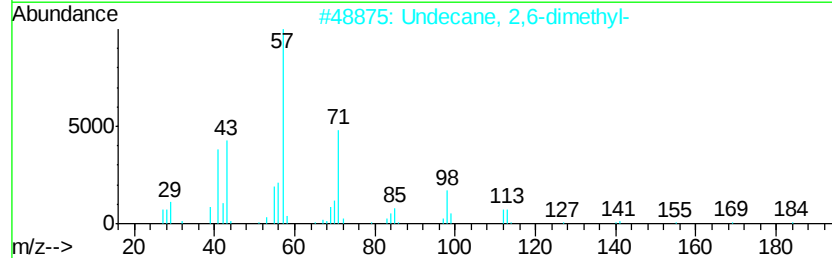
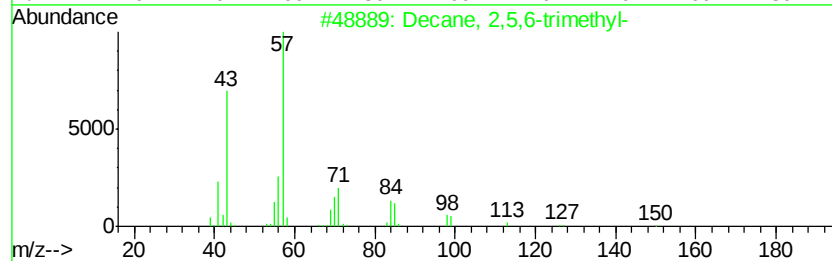
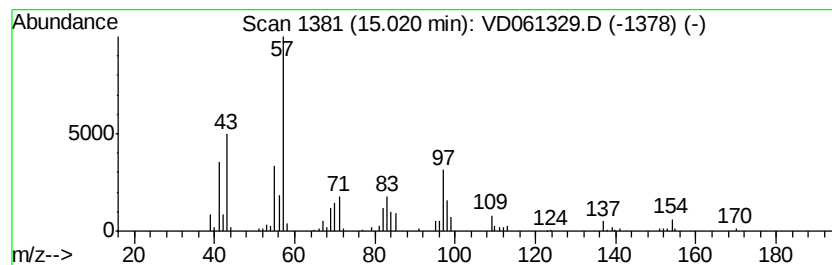
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Quant Title : SW846 8260

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

Peak Number 4 unknown15.02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	10.55 ug/l	389694	1,4-Dichlorobenzene-d4	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	46
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	38
4		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	35
5		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	35



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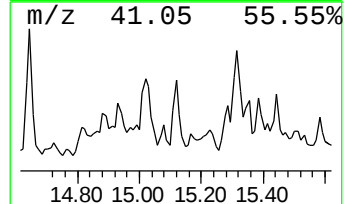
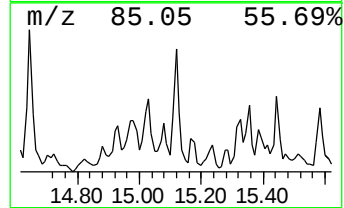
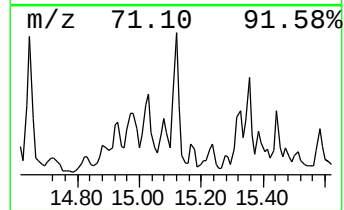
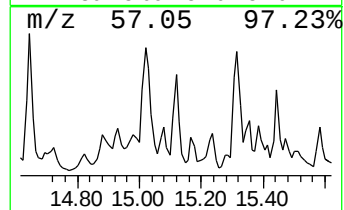
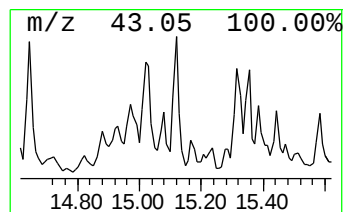
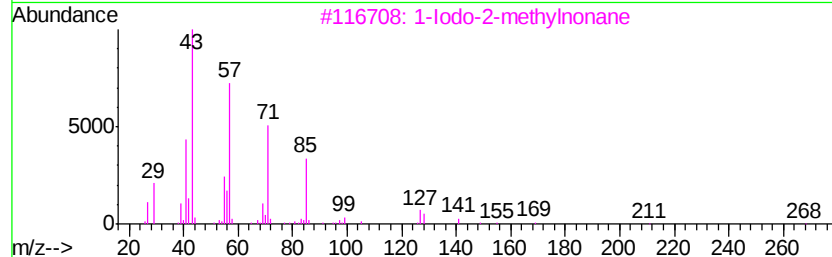
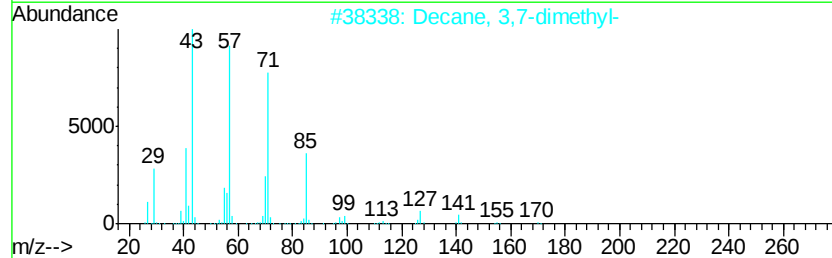
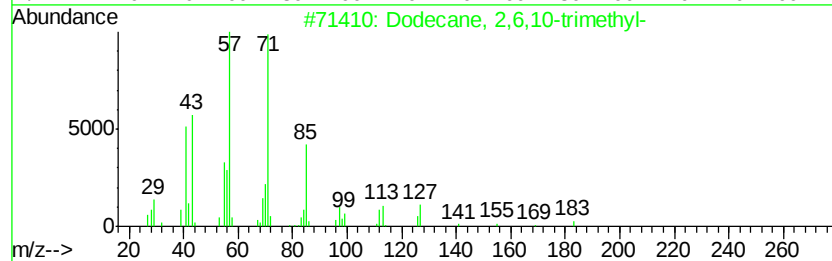
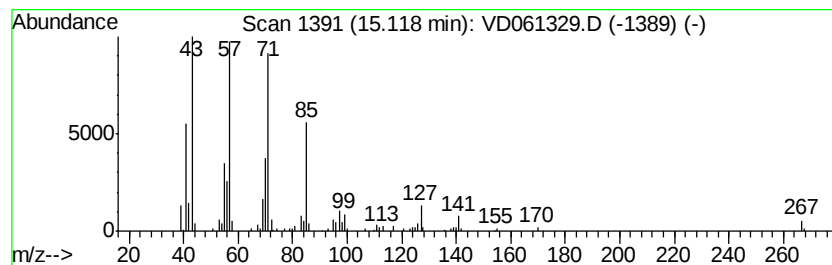
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	9.18 ug/l	339249	1,4-Dichlorobenzene-d4	14.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90	
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87	
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80	
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	70	
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	64	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061329.D
Acq On : 26 Mar 2019 6:10
Operator : VA/AP
Sample : K2047-02
Misc : 6.30g/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB432-190320-(28-30)

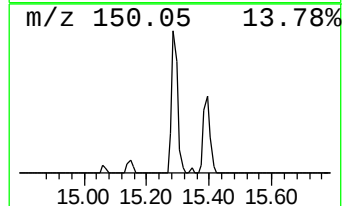
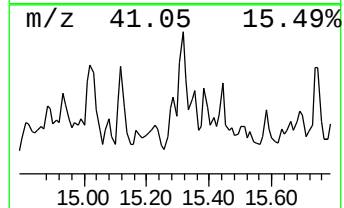
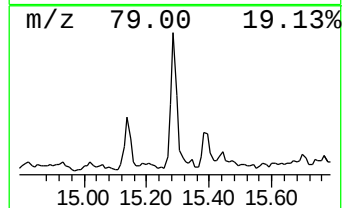
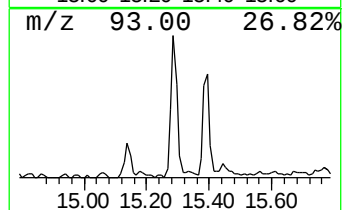
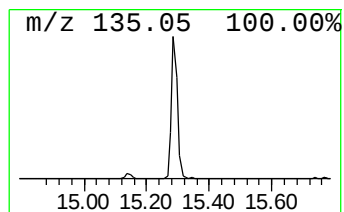
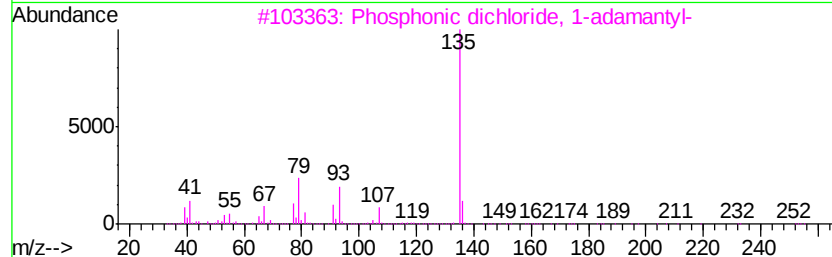
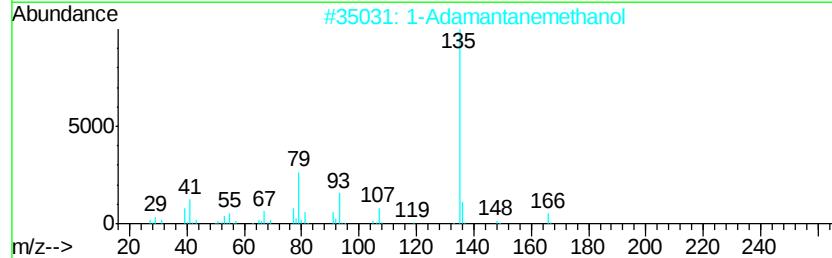
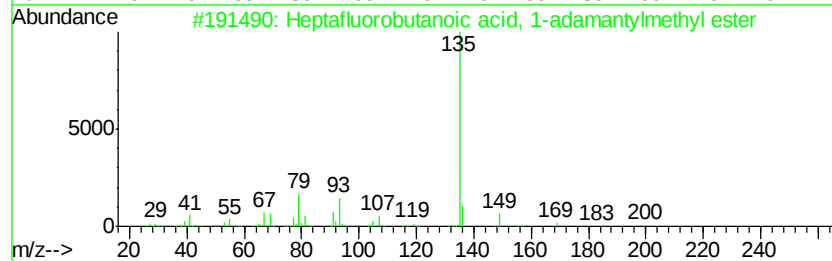
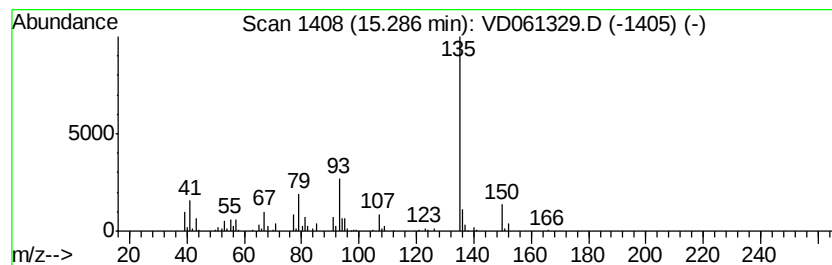
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Quant Title : SW846 8260

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

Peak Number 6 Heptafluorobutanoic acid, 1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	9.61 ug/l	355192	1,4-Dichlorobenzene-d4	14.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	64
2		1-Adamantanemethanol	166	C11H18O	000770-71-8	64
3		Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64
4		4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	64
5		1-Bromoadamantane	214	C10H15Br	000768-90-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061329.D
Acq On : 26 Mar 2019 6:10
Operator : VA/AP
Sample : K2047-02
Misc : 6.30g/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

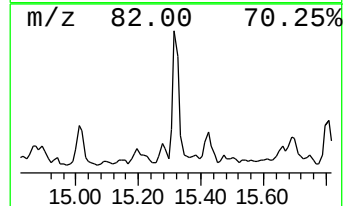
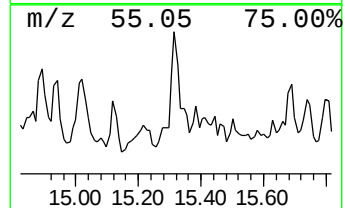
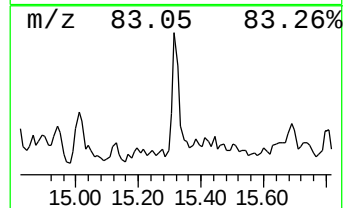
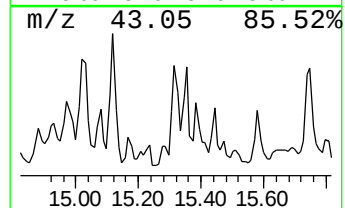
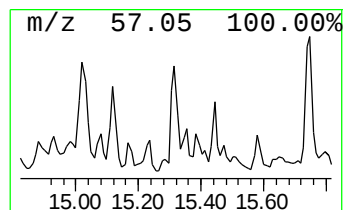
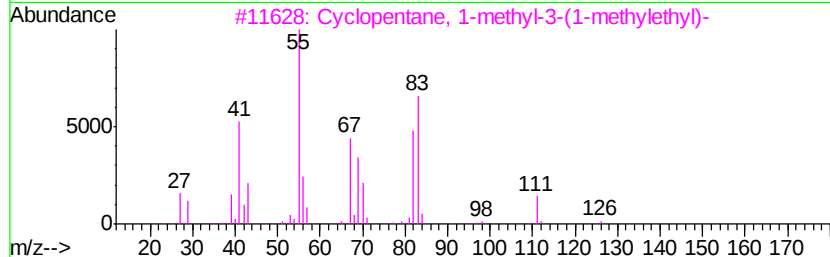
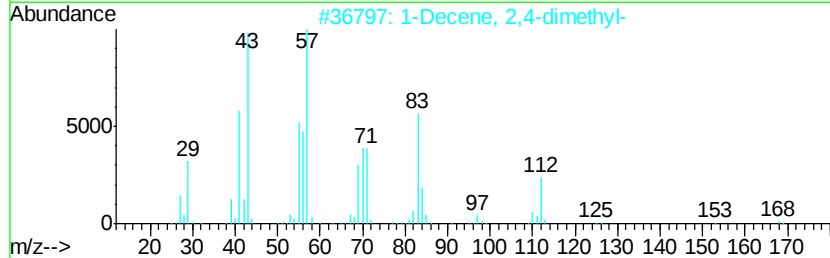
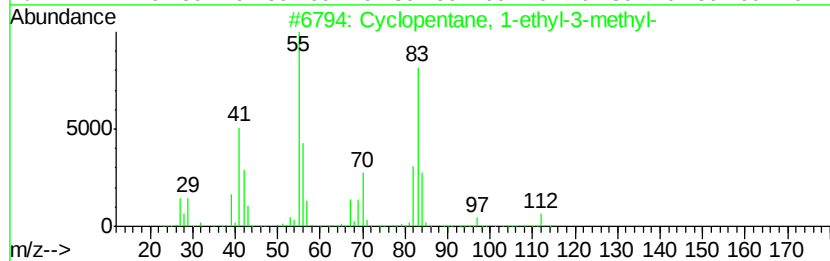
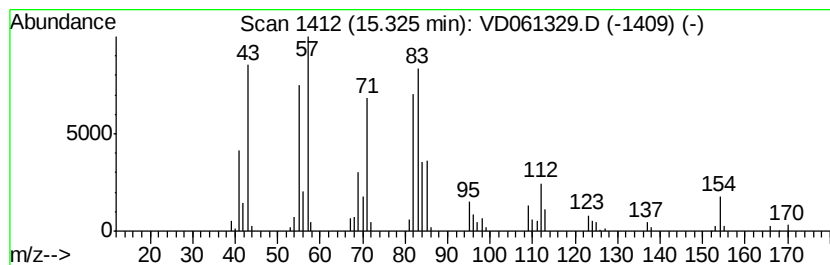
Instrument :
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ClientSampleId :
WP022SB432-190320-(28-30)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclopentane, 1-ethyl-3-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	13.85 ug/l	511713	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-ethyl-3-methyl-	112 C8H16	003726-47-4 43
2		1-Decene, 2,4-dimethyl-	168 C12H24	055170-80-4 43
3		Cyclopentane, 1-methyl-3-(1-meth...	126 C9H18	053771-88-3 43
4		Cyclohexane, methyl-	98 C7H14	000108-87-2 38
5		Cyclohexane, pentyl-	154 C11H22	004292-92-6 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061329.D
Acq On : 26 Mar 2019 6:10
Operator : VA/AP
Sample : K2047-02
Misc : 6.30g/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

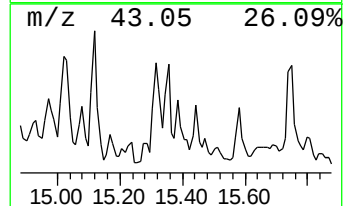
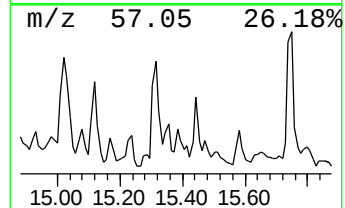
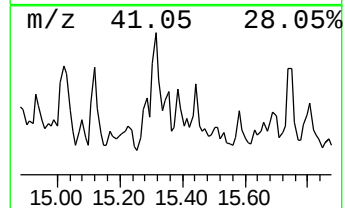
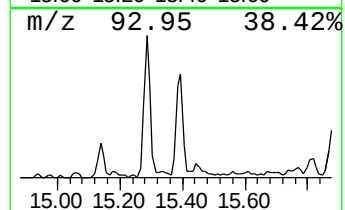
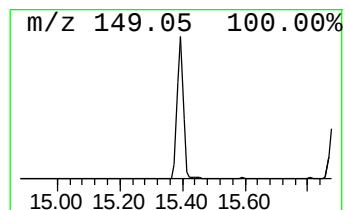
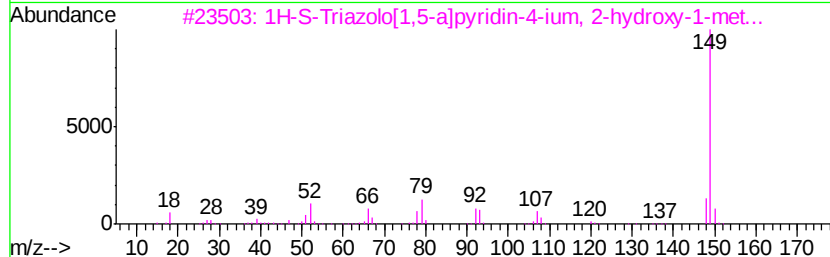
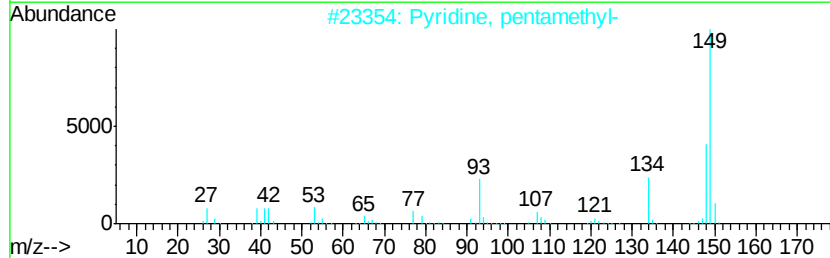
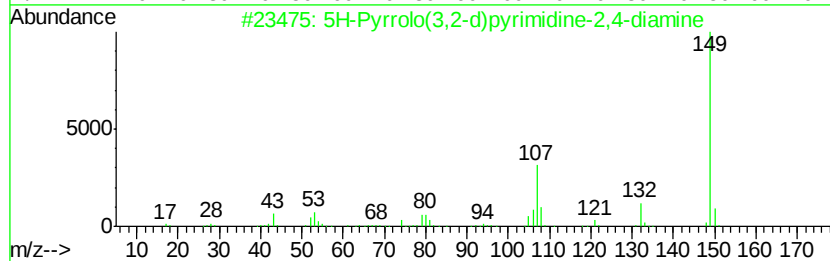
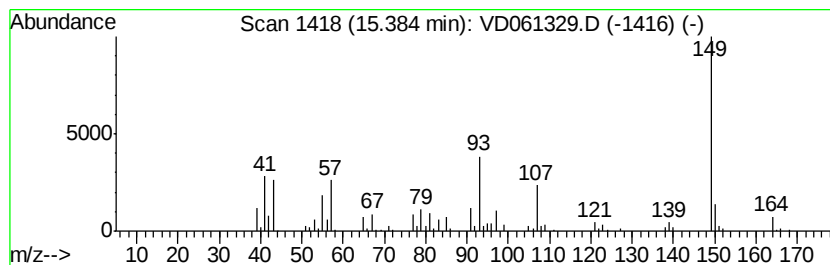
Instrument :
MSVOA_D
ClientSampleId :
WP022SB432-190320-(28-30)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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

Peak Number 8 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.38	11.78 ug/l	435031	1,4-Dichlorobenzene-d4	14.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pvrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	47
2	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	47
3	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	43
4	2-(Octyloxycarbonyl)benzoic acid	278	C16H22O4	1000373-53-3	43
5	2,4,7-Trioxabicyclo[4.4.0]9-dece...	468	C30H44O4	1000160-93-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061329.D
Acq On : 26 Mar 2019 6:10
Operator : VA/AP
Sample : K2047-02
Misc : 6.30g/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

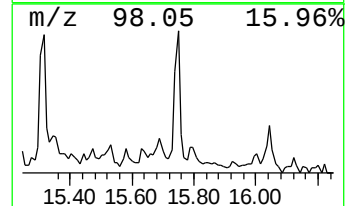
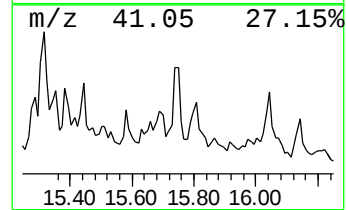
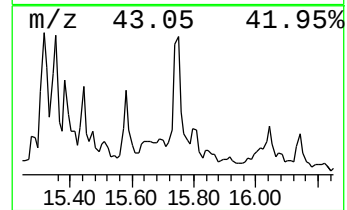
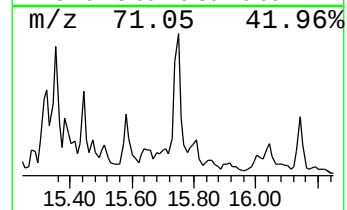
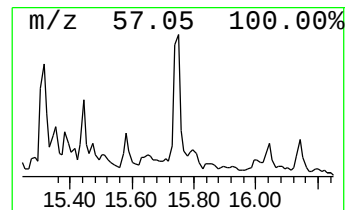
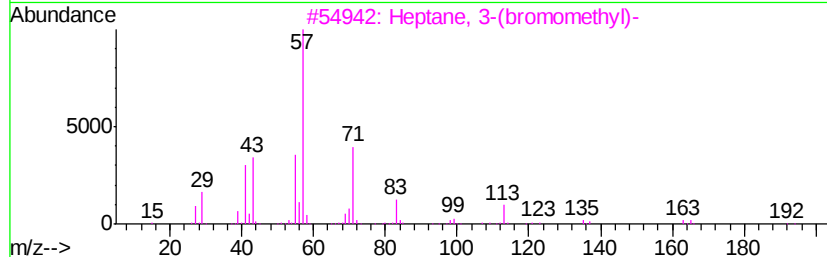
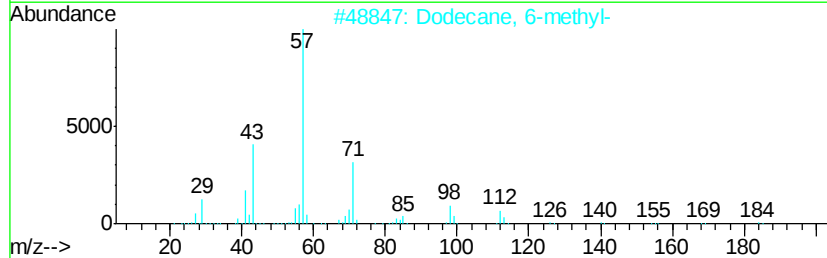
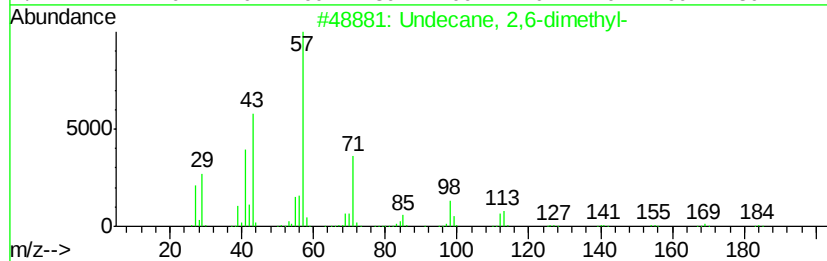
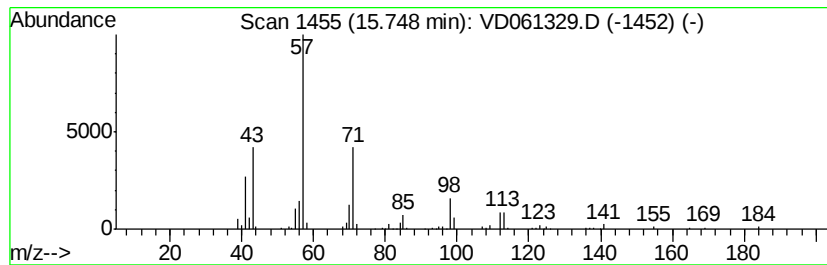
Instrument :
MSVOA_D
ClientSampleId :
WP022SB432-190320-(28-30)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.75	9.68 ug/l	357733	1,4-Dichlorobenzene-d4	14.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
3	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061329.D
Acq On : 26 Mar 2019 6:10
Operator : VA/AP
Sample : K2047-02
Misc : 6.30q/5ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

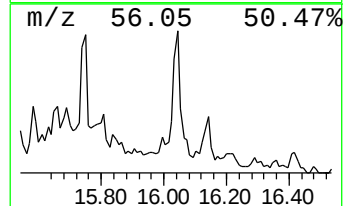
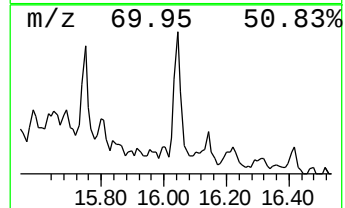
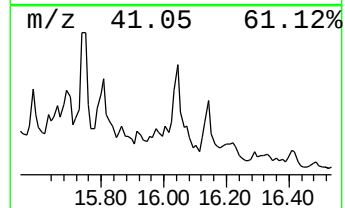
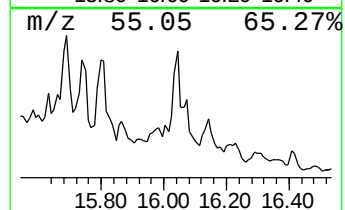
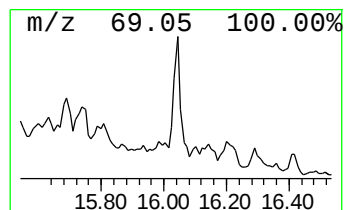
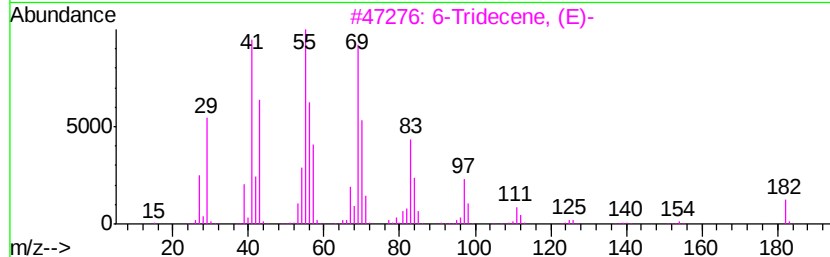
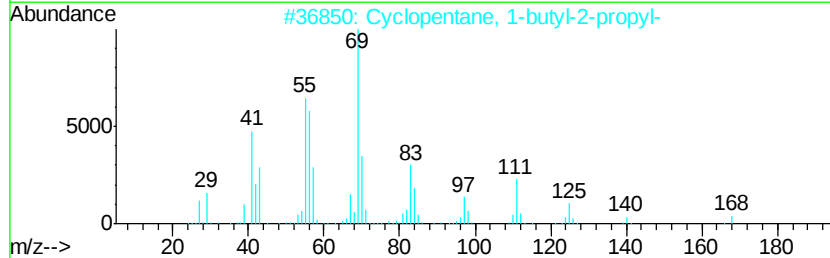
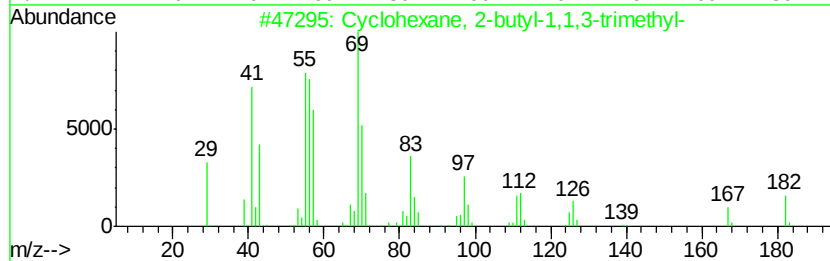
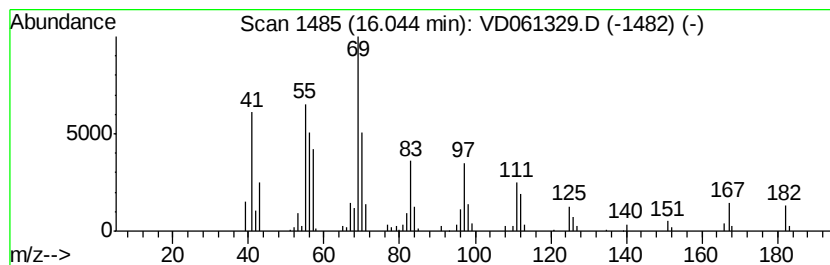
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ClientSampleId :
WP022SB432-190320-(28-30)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	14.22 ug/l	525248	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182 C13H26	054676-39-0 94
2		Cyclopentane, 1-butyl-2-propyl-	168 C12H24	062199-50-2 64
3		6-Tridecene, (E)-	182 C13H26	006434-76-0 64
4		Cyclopentane, butyl-	126 C9H18	002040-95-1 62
5		Cyclopentane, propyl-	112 C8H16	002040-96-2 62



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032519\
Data File : VD061329.D
Acq On : 26 Mar 2019 6:10
Operator : VA/AP
Sample : K2047-02
Misc : 6.30g/5ml/MSVOA_D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB432-190320-(28-30)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.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
Decane, 4-methyl-	14.19	21.3	ug/l	786178	4	14.52	1847110	50.0
Decane, 3-methyl-	14.65	11.3	ug/l	415657	4	14.52	1847110	50.0
unknown15.02	15.02	10.6	ug/l	389694	4	14.52	1847110	50.0
Dodecane, 2,6,10-...	15.12	9.2	ug/l	339249	4	14.52	1847110	50.0
Heptafluorobutano...	15.29	9.6	ug/l	355192	4	14.52	1847110	50.0
Cyclopentane, 1-e...	15.32	13.9	ug/l	511713	4	14.52	1847110	50.0
5H-Pyrrolo(3,2-d)...	15.38	11.8	ug/l	435031	4	14.52	1847110	50.0
Undecane, 2,6-dim...	15.75	9.7	ug/l	357733	4	14.52	1847110	50.0
Cyclohexane, 2-bu...	16.04	14.2	ug/l	525248	4	14.52	1847110	50.0