

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061643.D
 Acq On : 14 Feb 2019 16:32
 Operator : VA/AP
 Sample : K1490-01
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-214

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_F\METHODS\82F021319S.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	1.067	42	44	54	rBV2	11502	24228	2.21%	0.217%
2	2.181	152	157	159	rBV2	6734	16179	1.48%	0.145%
3	2.230	159	162	169	rVB	17964	56752	5.19%	0.509%
4	4.015	335	343	347	rBV2	60161	234176	21.40%	2.101%
5	4.104	347	352	362	rVB	132609	437547	39.99%	3.925%
6	4.420	376	384	397	rVB	23165	109395	10.00%	0.981%
7	4.863	419	429	442	rBV2	283033	1007882	92.10%	9.042%
8	5.455	483	489	492	rBV4	4355	12907	1.18%	0.116%
9	5.593	496	503	522	rVB	328972	907836	82.96%	8.145%
10	7.555	696	702	714	rBV	320727	781604	71.43%	7.012%
11	8.216	763	769	773	rBV4	5283	17453	1.59%	0.157%
12	8.886	836	837	842	rBV	15997	16657	1.52%	0.149%
13	8.956	842	844	846	rBV	53705	36376	3.32%	0.326%
14	9.774	921	927	935	rBV	275232	637465	58.25%	5.719%
15	10.849	1031	1036	1041	rVB	38814	83849	7.66%	0.752%
16	11.411	1088	1093	1099	rBV	186210	336312	30.73%	3.017%
17	11.490	1099	1101	1104	rVV4	7078	15117	1.38%	0.136%
18	11.559	1104	1108	1112	rVV	18869	39003	3.56%	0.350%
19	11.657	1116	1118	1122	rVB3	7839	12081	1.10%	0.108%
20	12.545	1205	1208	1212	rBV	221410	343478	31.39%	3.082%
21	12.959	1245	1250	1252	rBV5	5290	15240	1.39%	0.137%
22	13.107	1262	1265	1268	rBV4	7424	13307	1.22%	0.119%
23	13.196	1270	1274	1278	rVV5	8791	22527	2.06%	0.202%
24	13.284	1281	1283	1286	rVV2	16682	29761	2.72%	0.267%
25	13.373	1290	1292	1295	rVB3	14523	19348	1.77%	0.174%
26	13.541	1306	1309	1311	rBV3	10794	21656	1.98%	0.194%
27	13.590	1311	1314	1317	rVB5	8534	17055	1.56%	0.153%
28	13.669	1317	1322	1324	rBV3	21830	45213	4.13%	0.406%
29	13.728	1324	1328	1332	rBV5	27981	87829	8.03%	0.788%
30	13.856	1337	1341	1344	rBV3	45950	104107	9.51%	0.934%
31	13.915	1344	1347	1349	rVB3	22383	43755	4.00%	0.393%
32	13.945	1349	1350	1354	rVB4	18415	30527	2.79%	0.274%
33	14.004	1354	1356	1358	rBV2	22245	42413	3.88%	0.381%
34	14.054	1358	1361	1364	rVB4	16294	33356	3.05%	0.299%

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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	14.103	1364	1366	1367	rBV2	16966	24191	2.21%	0.217%
36	14.152	1367	1371	1376	rBV5	77308	171469	15.67%	1.538%
37	14.241	1376	1380	1383	rBV5	43929	94519	8.64%	0.848%
38	14.300	1383	1386	1389	rBV	430912	585828	53.54%	5.256%
39	14.349	1389	1391	1395	rVB2	72960	123381	11.28%	1.107%
40	14.458	1396	1402	1404	rBV3	79329	181479	16.58%	1.628%
41	14.497	1404	1406	1407	rBV2	63279	96236	8.79%	0.863%
42	14.586	1413	1415	1424	rVB6	52071	145173	13.27%	1.302%
43	14.793	1434	1436	1438	rBV2	30023	35186	3.22%	0.316%
44	14.862	1440	1443	1445	rBV3	74971	134009	12.25%	1.202%
45	14.902	1445	1447	1453	rVB2	119611	234666	21.44%	2.105%
46	15.010	1453	1458	1465	rBV	629541	1094276	100.00%	9.817%
47	15.109	1465	1468	1470	rBV	69149	132374	12.10%	1.188%
48	15.168	1471	1474	1477	rBV4	172435	275737	25.20%	2.474%
49	15.247	1480	1482	1484	rVB3	47022	46652	4.26%	0.419%
50	15.326	1488	1490	1493	rBV3	84635	167684	15.32%	1.504%
51	15.375	1493	1495	1499	rVB3	75085	124701	11.40%	1.119%
52	15.434	1499	1501	1505	rBV4	51657	100428	9.18%	0.901%
53	15.493	1505	1507	1510	rBV4	44499	89345	8.16%	0.802%
54	15.562	1511	1514	1517	rBV	687487	1016048	92.85%	9.116%
55	15.710	1527	1529	1532	rVB3	78663	105185	9.61%	0.944%
56	15.809	1536	1539	1544	rBV2	168100	352123	32.18%	3.159%
57	15.937	1549	1552	1557	rBV5	70324	163291	14.92%	1.465%

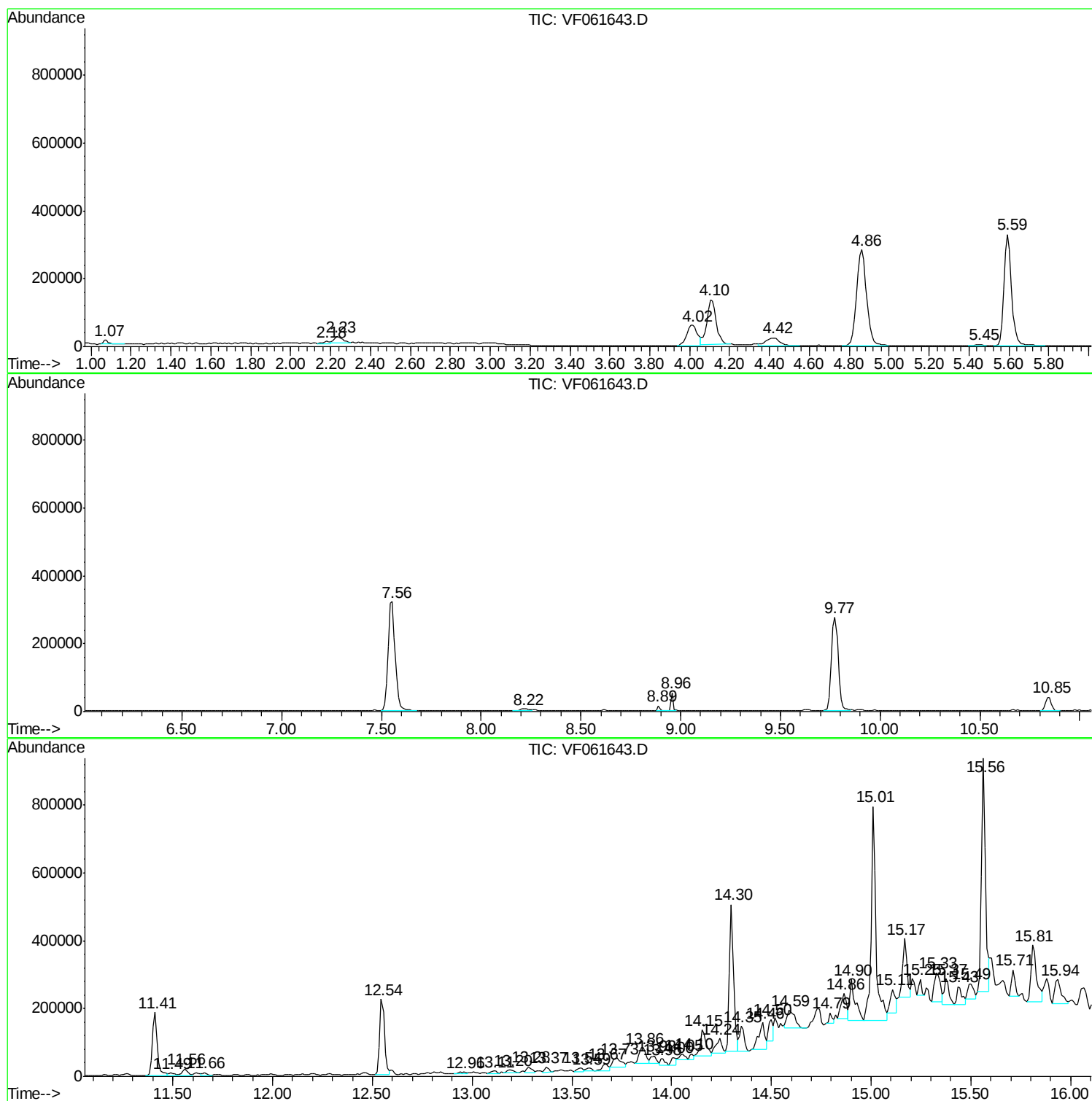
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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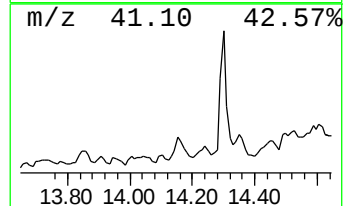
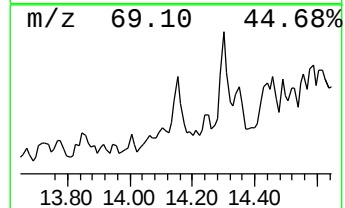
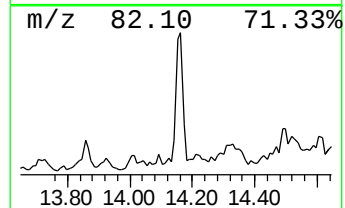
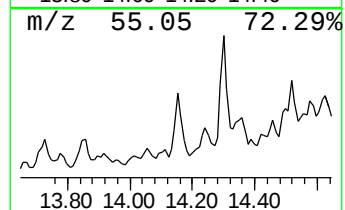
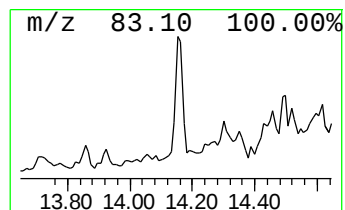
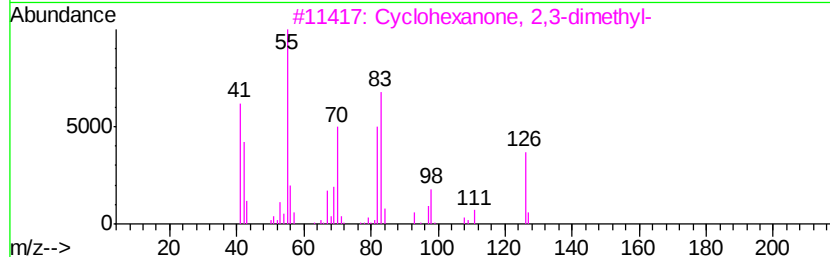
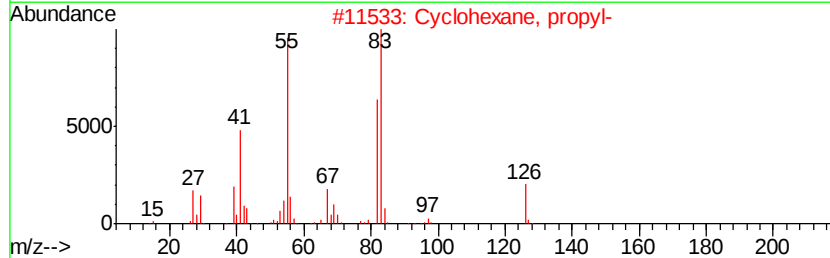
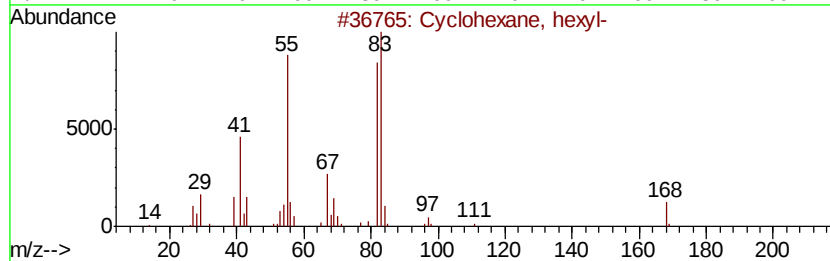
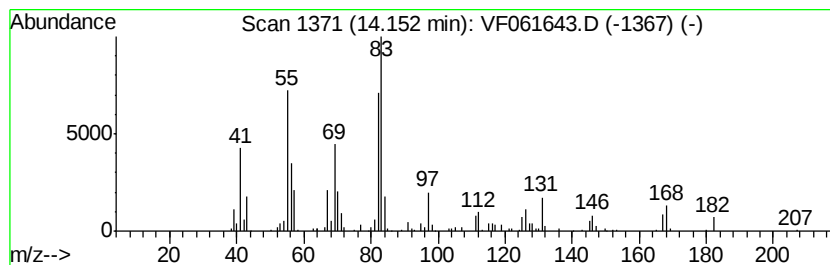
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	24.96 ug/l	171469	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	62
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3		Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	53
4		Heptylcyclohexane	182	C13H26	005617-41-4	52
5		2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	46



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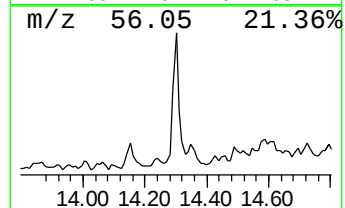
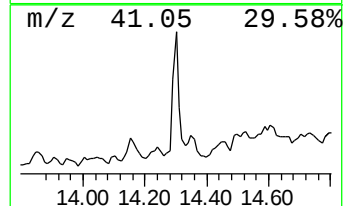
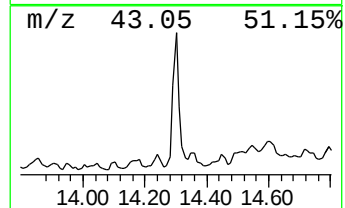
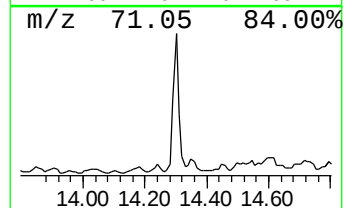
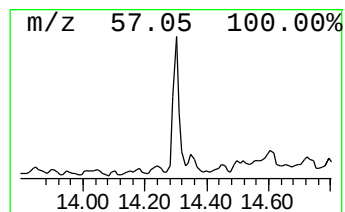
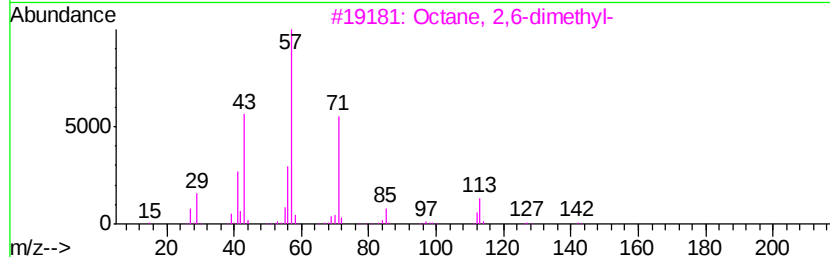
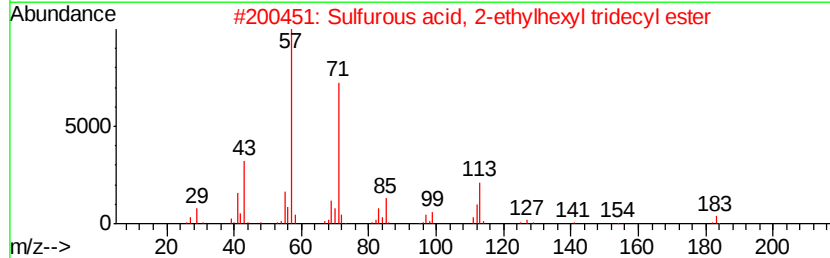
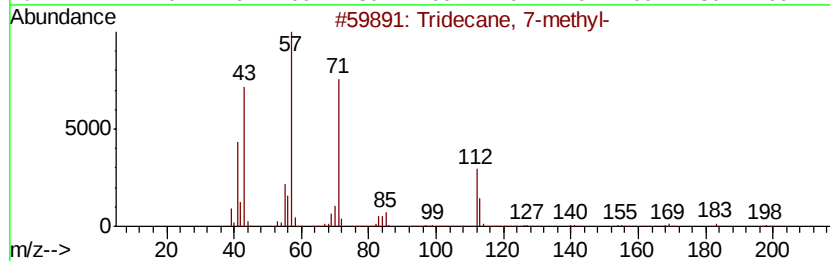
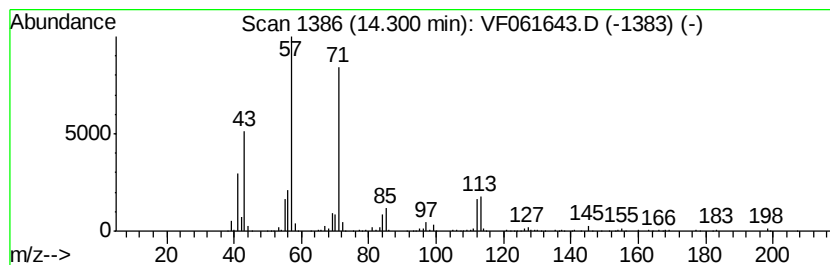
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	85.28 ug/l	585828	1,4-Dichlorobenzene-d4	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



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Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

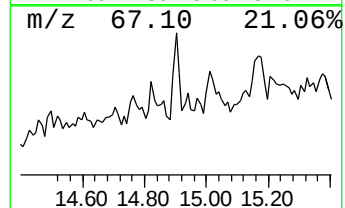
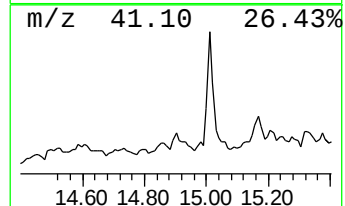
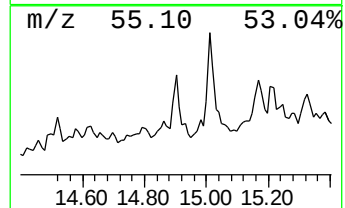
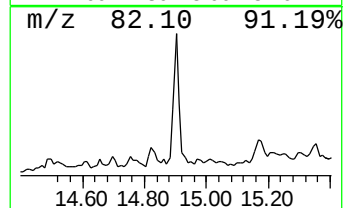
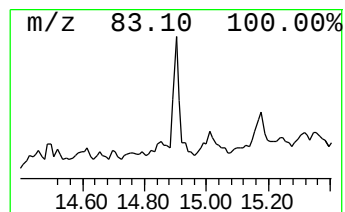
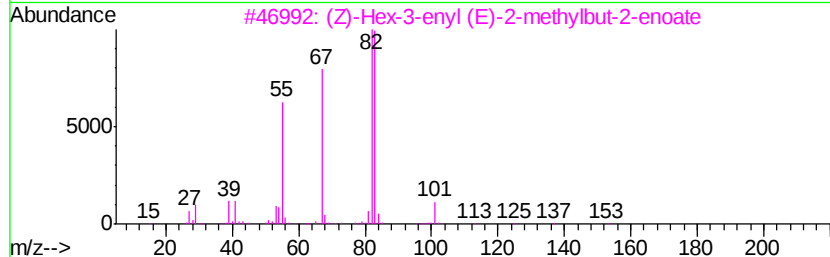
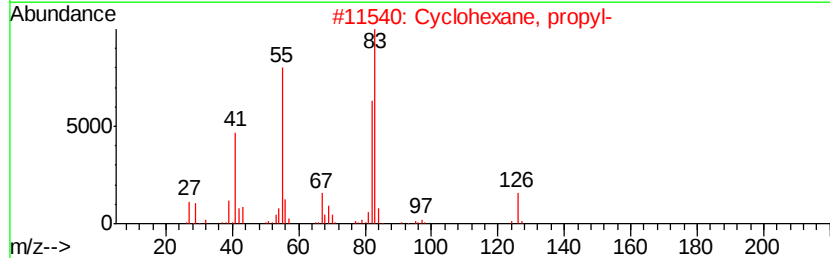
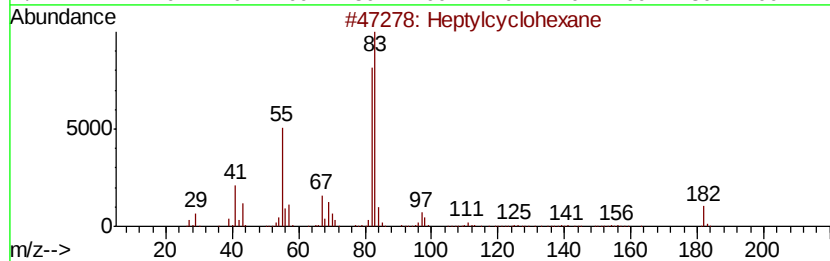
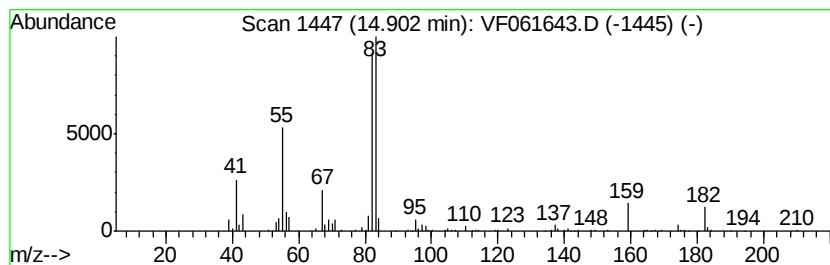
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Peak Number 4 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	34.16 ug/l	234666	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptylcyclohexane	182 C13H26	005617-41-4	86
2	Cyclohexane, propyl-	126 C9H18	001678-92-8	64
3	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182 C11H18O2	1000373-73-0	59
4	Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7	56
5	Cyclohexane, butyl-	140 C10H20	001678-93-9	50



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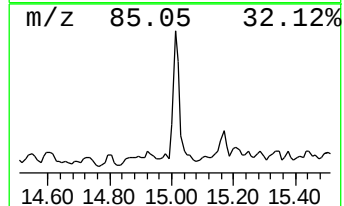
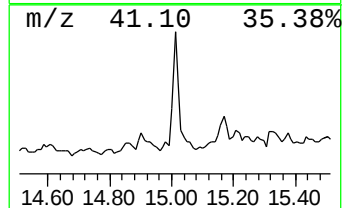
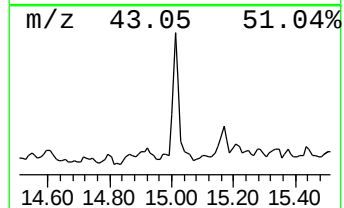
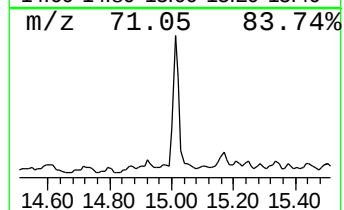
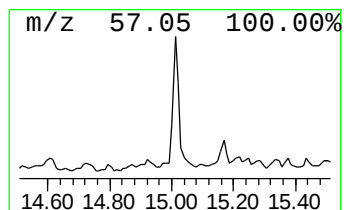
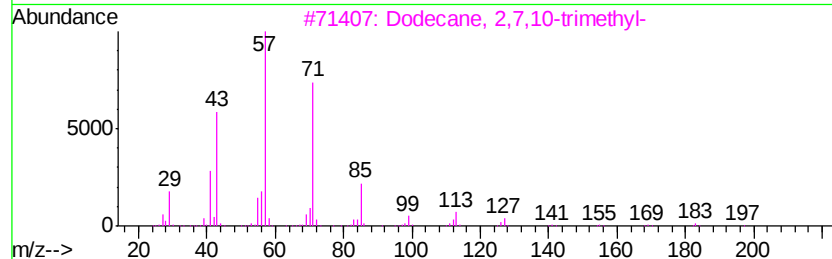
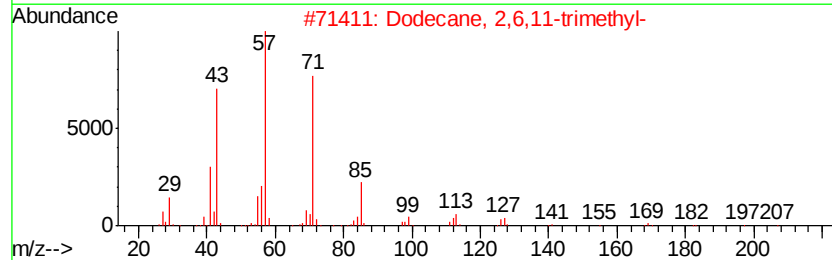
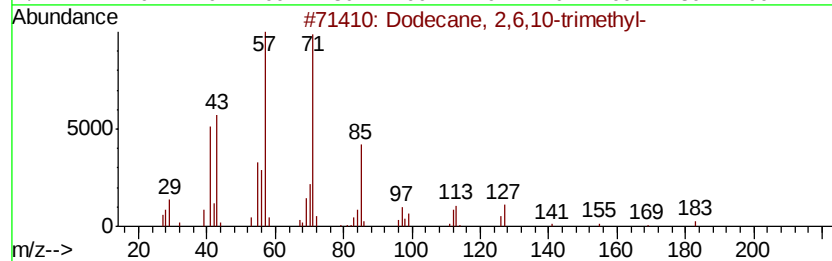
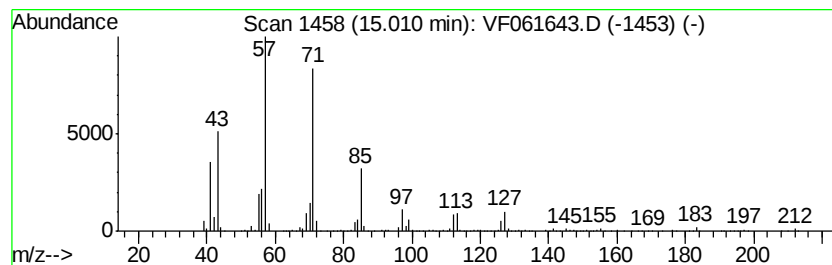
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	159.29 ug/l	1094280	1,4-Dichlorobenzene-d4	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90	
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86	
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80	
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74	
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72	



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TP-1-214

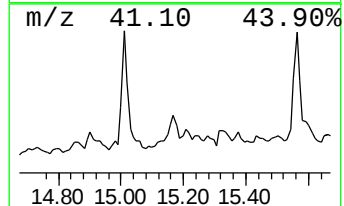
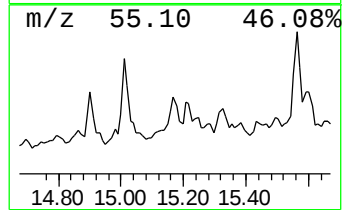
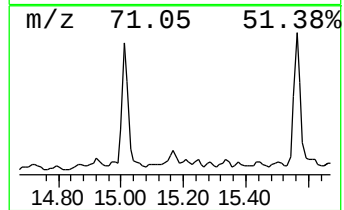
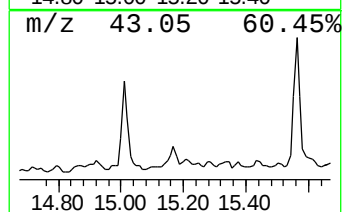
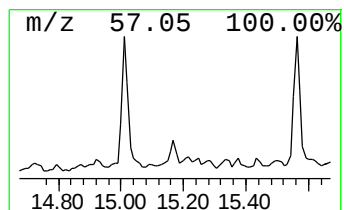
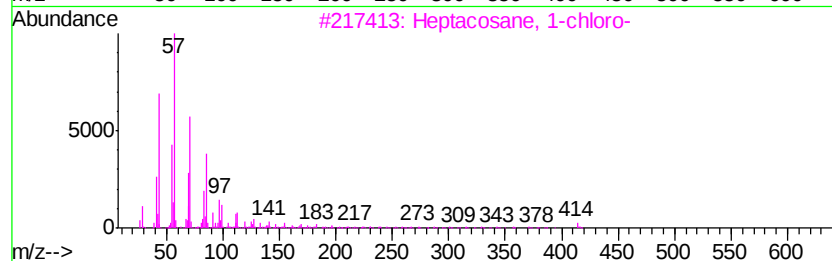
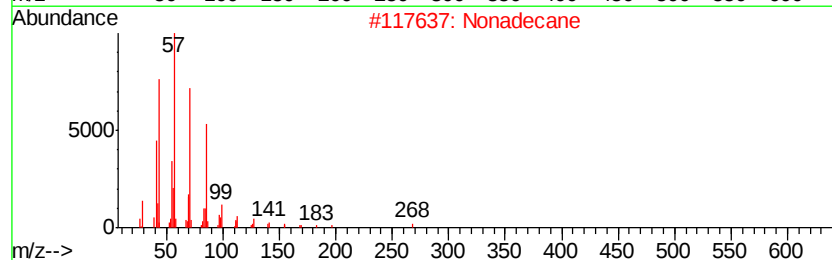
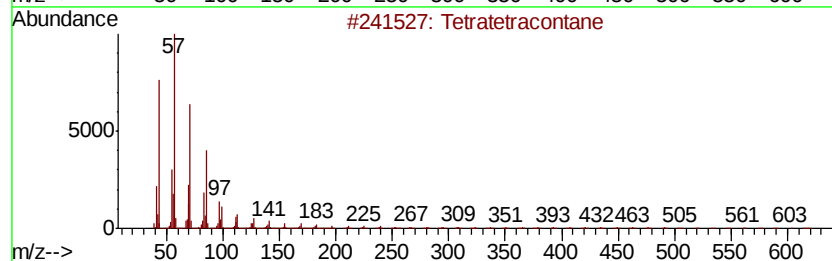
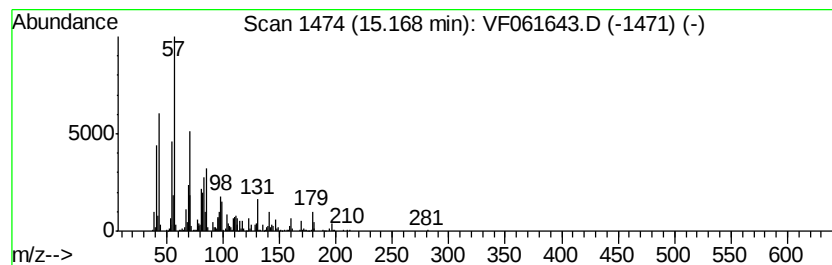
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Quant Title : SW846 8260

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

Peak Number 6 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	40.14 ug/l	275737	1,4-Dichlorobenzene-d4	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	58
2		Nonadecane	268	C19H40	000629-92-5	52
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	50
4		Heneicosane	296	C21H44	000629-94-7	50
5		Hexacosane	366	C26H54	000630-01-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061643.D
Acq On : 14 Feb 2019 16:32
Operator : VA/AP
Sample : K1490-01
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1-214

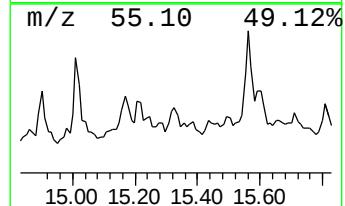
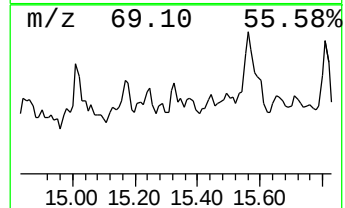
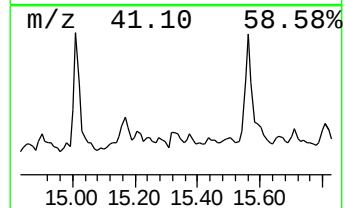
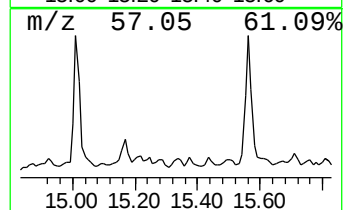
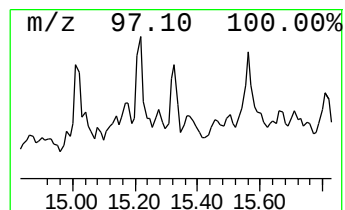
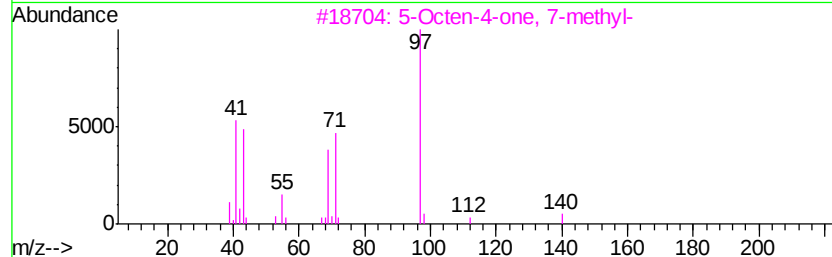
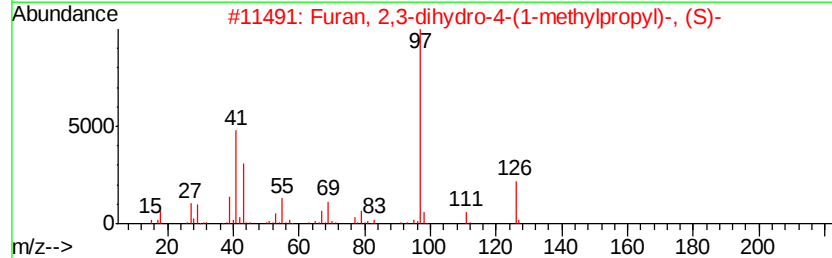
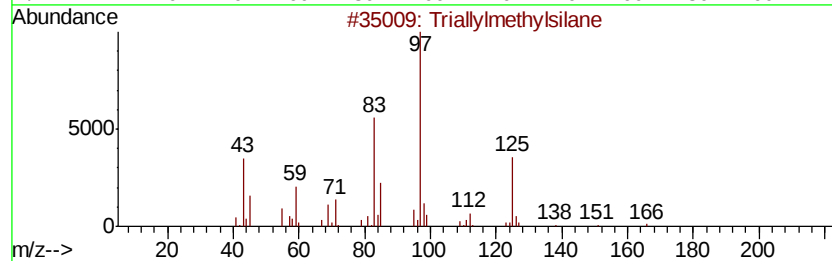
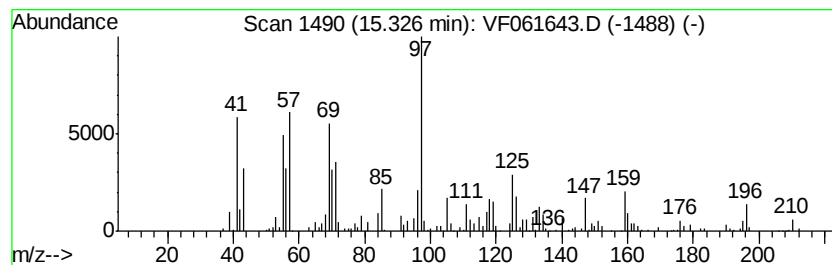
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.33 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	24.41 ug/l	167684	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triallylmethylsilane	166	C10H18Si	001112-91-0	46
2		Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	30
3		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	30
4		2-n-Butylacrolein	112	C7H12O	001070-66-2	27
5		Thiophene, 2-propyl-	126	C7H10S	001551-27-5	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061643.D
Acq On : 14 Feb 2019 16:32
Operator : VA/AP
Sample : K1490-01
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1-214

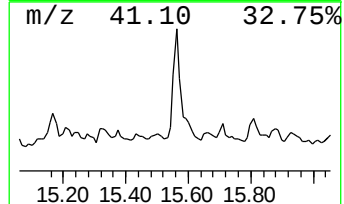
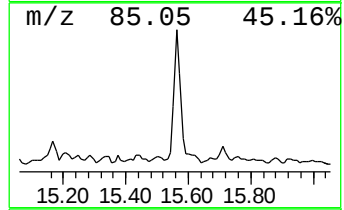
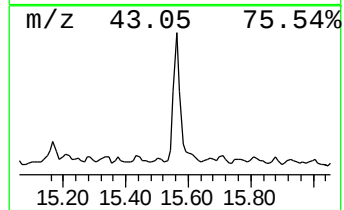
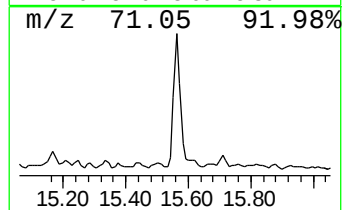
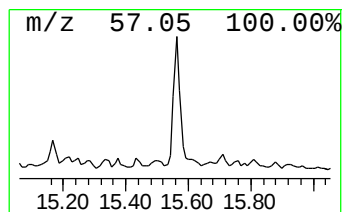
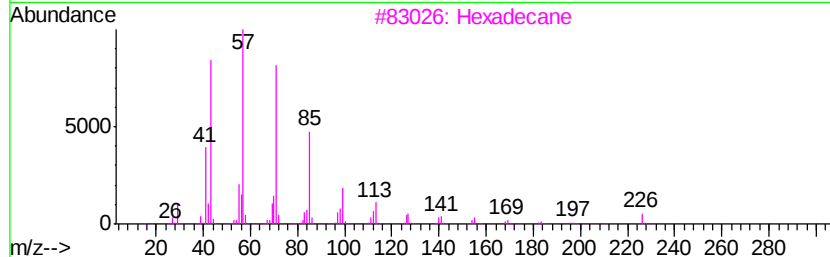
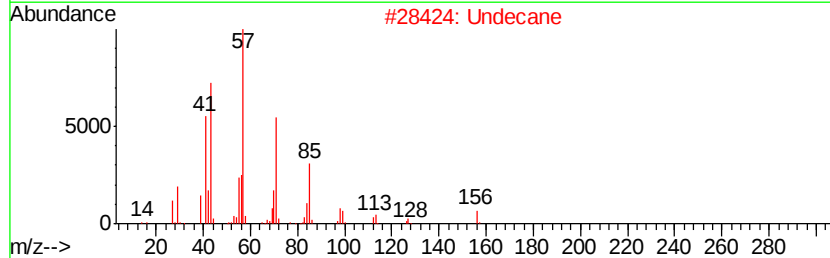
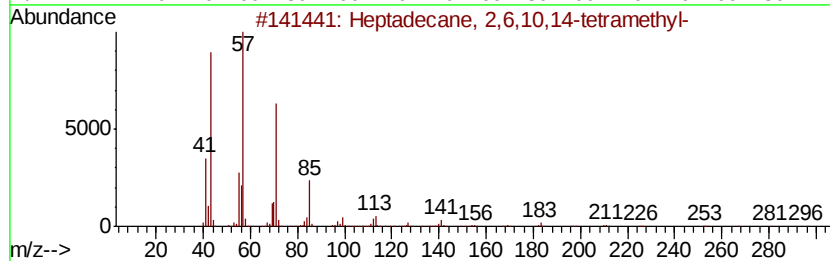
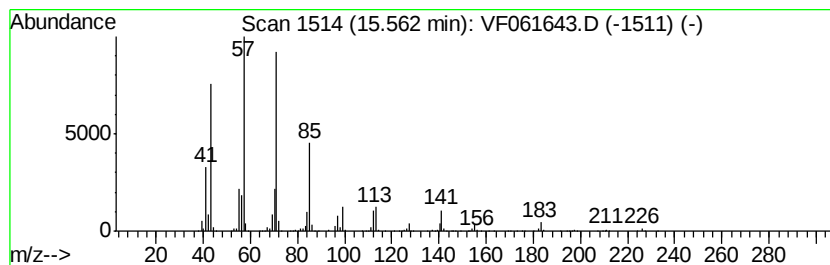
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Quant Title : SW846 8260

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

Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	147.91 ug/l	1016050	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
2		Undecane	156	C11H24	001120-21-4	83
3		Hexadecane	226	C16H34	000544-76-3	83
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5		Decane, 5-propyl-	184	C13H28	017312-62-8	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061643.D
Acq On : 14 Feb 2019 16:32
Operator : VA/AP
Sample : K1490-01
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

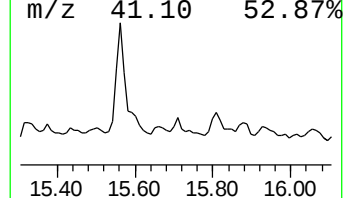
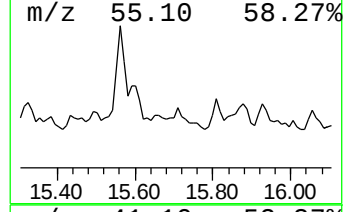
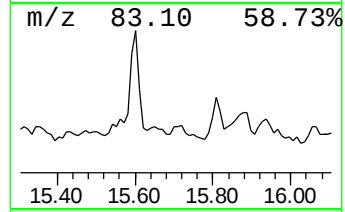
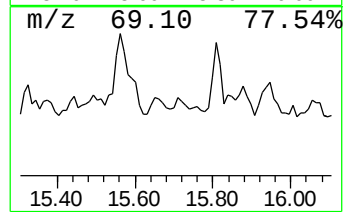
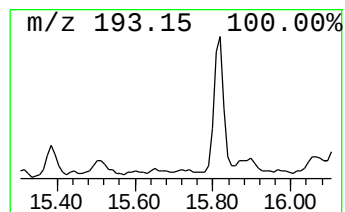
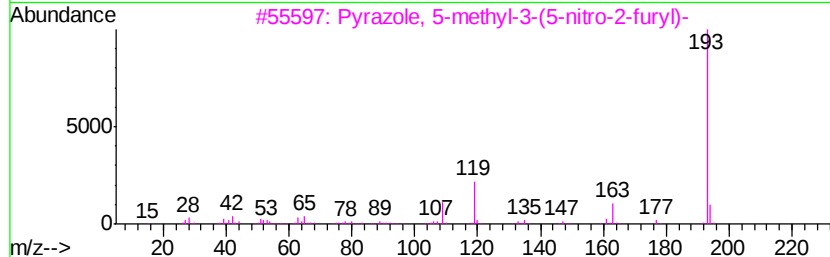
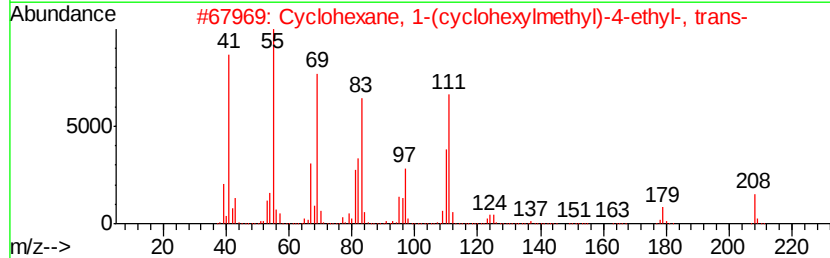
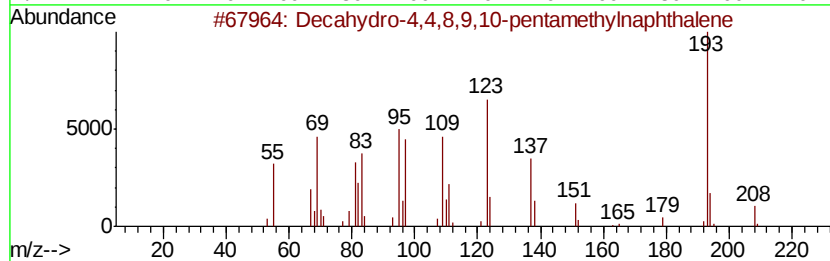
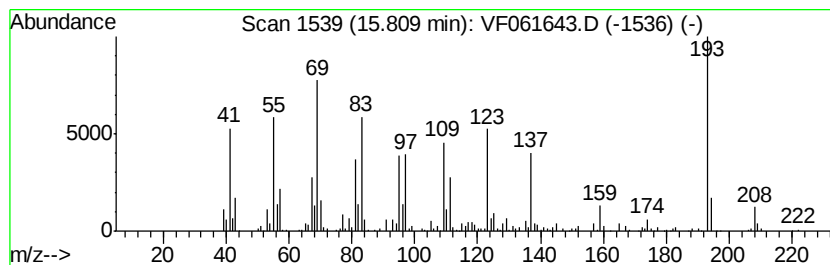
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	51.26 ug/l	352123	1,4-Dichlorobenzene-d4	12.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 49
2		Cyclohexane, 1-(cyclohexylmethyl)...	208 C15H28	054934-94-0 18
3		Pyrazole, 5-methyl-3-(5-nitro-2-...	193 C8H7N3O3	016239-90-0 15
4		Butan-2-one, 1-[3-(3,3-dimethyl-...	278 C16H26N2O2	1000303-34-2 14
5		Oxiranecarboxaldehyde, 3-methyl-...	168 C10H16O2	016996-12-6 14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061643.D
Acq On : 14 Feb 2019 16:32
Operator : VA/AP
Sample : K1490-01
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1-214

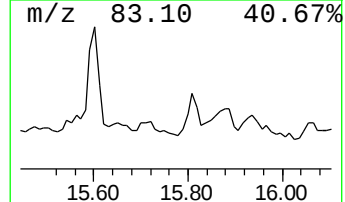
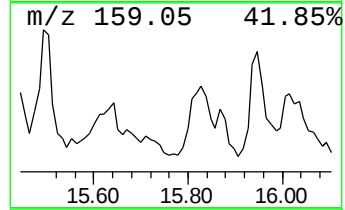
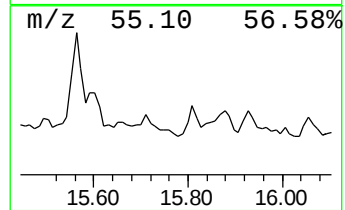
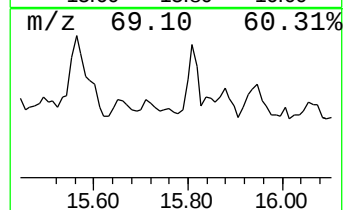
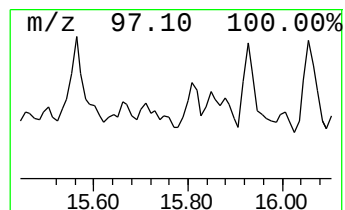
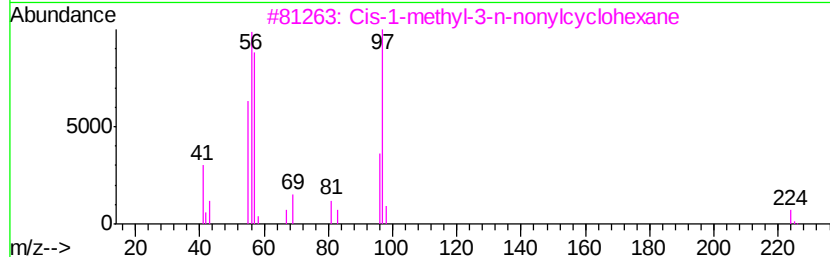
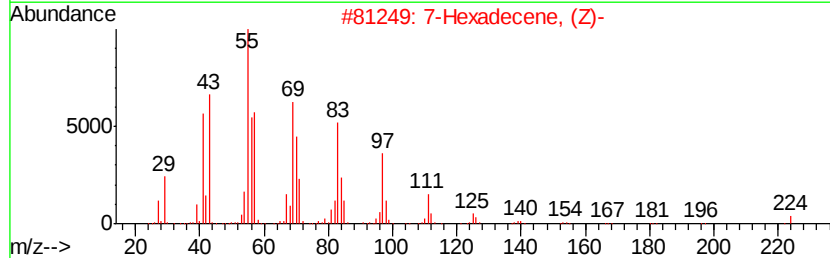
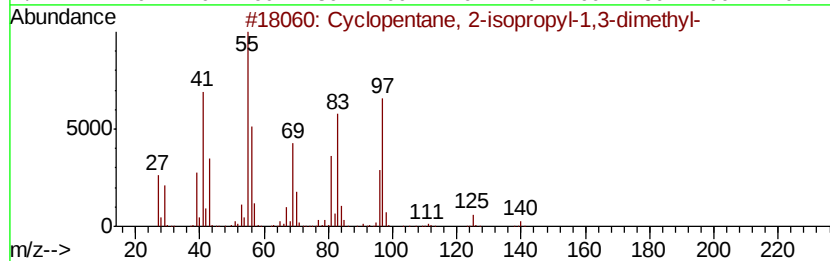
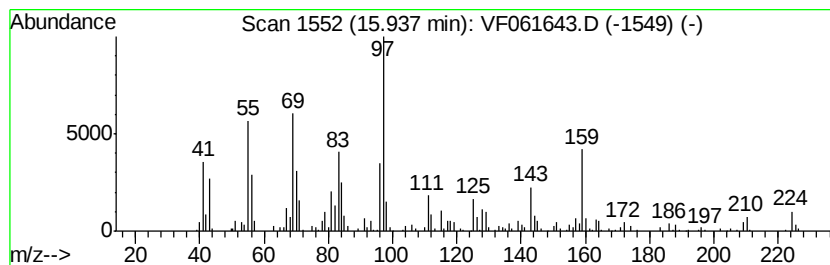
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	23.77 ug/l	163291	1,4-Dichlorobenzene-d4	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	38
2		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	38
3		Cis-1-methyl-3-n-nonylcyclohexane	224	C16H32	039762-39-5	38
4		Cyclohexadecane	224	C16H32	000295-65-8	38
5		2-Tetradecene, (E)-	196	C14H28	035953-54-9	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061643.D
Acq On : 14 Feb 2019 16:32
Operator : VA/AP
Sample : K1490-01
Misc : 5.10g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-1-214

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.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, hexyl-	14.15	25.0	ug/l	171469	4	12.54	343478	50.0
Tridecane, 7-methyl-	14.30	85.3	ug/l	585828	4	12.54	343478	50.0
Heptylcyclohexane	14.90	34.2	ug/l	234666	4	12.54	343478	50.0
Dodecane, 2,6,10-...	15.01	159.3	ug/l	1094280	4	12.54	343478	50.0
Tetratetracontane	15.17	40.1	ug/l	275737	4	12.54	343478	50.0
unknown15.33	15.33	24.4	ug/l	167684	4	12.54	343478	50.0
Heptadecane, 2,6,...	15.56	147.9	ug/l	1016050	4	12.54	343478	50.0
unknown15.81	15.81	51.3	ug/l	352123	4	12.54	343478	50.0
unknown15.94	15.94	23.8	ug/l	163291	4	12.54	343478	50.0