

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012447.D
 Acq On : 01 Feb 2023 17:13
 Operator : KP/MD
 Sample : 01390-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Title : SW846 8260

Signal : TIC: VY012447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.015	29	32	37	rVB2	413	677	1.05%	0.099%
2	2.113	43	48	49	rBV3	1344	1955	3.04%	0.285%
3	2.204	60	63	65	rBV2	594	805	1.25%	0.117%
4	2.534	116	117	121	rBV3	503	647	1.01%	0.094%
5	3.948	339	349	362	rBV	7487	20916	32.54%	3.047%
6	4.710	469	474	481	rVB5	555	1355	2.11%	0.197%
7	6.966	840	844	849	rVV2	797	1471	2.29%	0.214%
8	7.722	958	968	971	rVV2	3654	8798	13.69%	1.282%
9	7.783	971	978	987	rVV3	11716	33269	51.76%	4.846%
10	7.874	987	993	1003	rVB5	2560	5907	9.19%	0.860%
11	8.002	1006	1014	1024	rVV2	11444	25840	40.20%	3.764%
12	8.142	1030	1037	1045	rVB2	6351	14673	22.83%	2.137%
13	8.270	1049	1058	1063	rBV4	1958	4574	7.12%	0.666%
14	8.338	1065	1069	1073	rVV5	730	1455	2.26%	0.212%
15	8.423	1077	1083	1091	rVB5	780	1832	2.85%	0.267%
16	8.551	1097	1104	1111	rBV2	13478	27575	42.90%	4.017%
17	8.691	1118	1127	1135	rBV2	15071	30405	47.30%	4.429%
18	9.185	1197	1208	1215	rBV8	3312	8036	12.50%	1.171%
19	9.240	1215	1217	1222	rVB3	545	783	1.22%	0.114%
20	9.368	1231	1238	1243	rVB3	1328	2205	3.43%	0.321%
21	9.752	1297	1301	1306	rBV5	611	922	1.43%	0.134%
22	9.849	1315	1317	1321	rVB4	688	896	1.39%	0.131%
23	9.959	1330	1335	1338	rVV5	772	1340	2.08%	0.195%
24	9.990	1338	1340	1344	rVB3	555	765	1.19%	0.111%
25	10.179	1365	1371	1377	rBV	24415	43335	67.42%	6.312%
26	10.246	1377	1382	1389	rVV	21823	37993	59.11%	5.534%
27	10.368	1400	1402	1406	rVB4	1332	2059	3.20%	0.300%
28	10.526	1426	1428	1433	rVB4	735	901	1.40%	0.131%
29	10.587	1433	1438	1440	rBV5	422	714	1.11%	0.104%
30	10.612	1440	1442	1450	rVB6	624	1310	2.04%	0.191%
31	10.874	1479	1485	1487	rBV2	703	879	1.37%	0.128%
32	11.038	1508	1512	1515	rVB5	949	1586	2.47%	0.231%
33	11.093	1515	1521	1524	rBV8	872	2061	3.21%	0.300%
34	11.288	1544	1553	1558	rBV10	1669	5063	7.88%	0.737%
35	11.380	1565	1568	1571	rBV3	1103	1486	2.31%	0.216%
36	11.489	1580	1586	1597	rBV	23978	40902	63.63%	5.958%

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37	11.593	1597	1603	1611	rVB2	6239	11650	18.12%	1.697%
38	11.703	1613	1621	1631	rVB2	20704	43063	67.00%	6.273%
39	11.782	1631	1634	1638	rVB4	988	1378	2.14%	0.201%
40	11.873	1648	1649	1651	rBV2	737	711	1.11%	0.104%
41	12.032	1667	1675	1682	rVB2	9656	18085	28.14%	2.634%
42	12.130	1686	1691	1693	rBV6	1544	3179	4.95%	0.463%
43	12.197	1700	1702	1705	rBV4	731	696	1.08%	0.101%
44	12.331	1721	1724	1728	rVB6	1612	1959	3.05%	0.285%
45	12.386	1728	1733	1735	rBV5	1309	1992	3.10%	0.290%
46	12.416	1735	1738	1739	rBV3	1145	1140	1.77%	0.166%
47	12.483	1744	1749	1760	rVB2	17998	31134	48.44%	4.535%
48	12.672	1766	1780	1789	rBV7	15250	64277	100.00%	9.363%
49	12.733	1789	1790	1795	rVV2	7379	9693	15.08%	1.412%
50	12.770	1795	1796	1798	rVV2	3141	2876	4.47%	0.419%
51	12.806	1798	1802	1808	rVB4	8265	14628	22.76%	2.131%
52	12.855	1808	1810	1815	rBV6	1103	1658	2.58%	0.242%
53	12.922	1819	1821	1823	rBV3	1468	1569	2.44%	0.229%
54	12.953	1823	1826	1827	rVV3	2482	3085	4.80%	0.449%
55	12.977	1828	1830	1838	rVB6	4061	6620	10.30%	0.964%
56	13.044	1838	1841	1845	rVB5	1496	2028	3.16%	0.295%
57	13.123	1848	1854	1859	rBV	8012	13551	21.08%	1.974%
58	13.245	1873	1874	1881	rVB7	1230	1695	2.64%	0.247%
59	13.318	1881	1886	1890	rBV6	2203	4435	6.90%	0.646%
60	13.428	1899	1904	1913	rVB	22243	39449	61.37%	5.746%
61	13.489	1913	1914	1916	rBV2	772	790	1.23%	0.115%
62	13.532	1918	1921	1925	rVB4	2744	3520	5.48%	0.513%
63	13.623	1931	1936	1940	rBV4	2814	5222	8.12%	0.761%
64	13.678	1942	1945	1947	rVV4	884	1304	2.03%	0.190%
65	13.751	1953	1957	1963	rBV6	4871	8540	13.29%	1.244%
66	13.800	1963	1965	1968	rVB4	1228	1222	1.90%	0.178%
67	13.965	1983	1992	2002	rVB10	5395	18526	28.82%	2.699%
68	14.080	2008	2011	2015	rBV4	1460	2304	3.58%	0.336%
69	14.263	2036	2041	2046	rBV7	1471	2416	3.76%	0.352%
70	14.373	2057	2059	2064	rVB5	848	1072	1.67%	0.156%
71	14.422	2064	2067	2069	rBV4	823	1244	1.94%	0.181%
72	14.483	2072	2077	2080	rBV5	755	1586	2.47%	0.231%
73	14.568	2088	2091	2093	rVV4	1579	2008	3.12%	0.292%
74	14.617	2097	2099	2102	rVV3	1058	1109	1.73%	0.162%
75	14.690	2104	2111	2115	rVV7	1717	3817	5.94%	0.556%
76	14.733	2115	2118	2125	rVB6	1714	3560	5.54%	0.519%

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77	14.800	2127	2129	2132	rBV3	716	681	1.06%	0.099%
78	14.885	2140	2143	2145	rVB2	585	663	1.03%	0.097%
79	15.025	2164	2166	2167	rBV2	922	876	1.36%	0.128%
80	15.056	2167	2171	2173	rBV5	1241	1744	2.71%	0.254%
81	15.099	2175	2178	2182	rVB5	2131	2779	4.32%	0.405%
82	15.227	2197	2199	2204	rBV4	576	857	1.33%	0.125%
83	15.446	2231	2235	2237	rVB4	725	958	1.49%	0.140%
84	15.672	2270	2272	2274	rBV2	680	703	1.09%	0.102%
85	16.348	2381	2383	2388	rVB5	541	695	1.08%	0.101%
86	16.409	2391	2393	2397	rVB3	574	709	1.10%	0.103%
87	16.458	2397	2401	2403	rBV4	723	1002	1.56%	0.146%
88	16.647	2431	2432	2435	rBV3	573	662	1.03%	0.096%

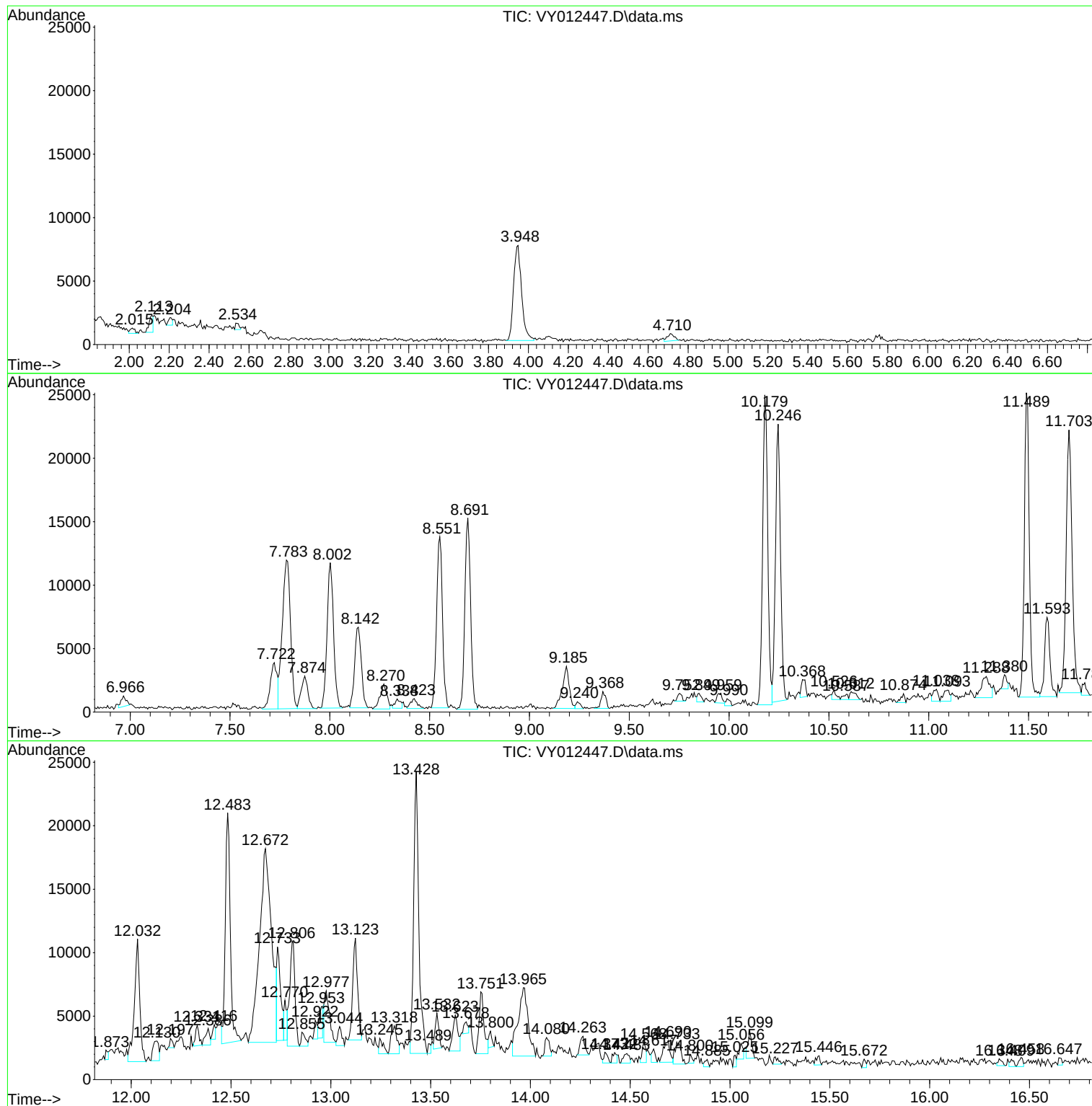
Sum of corrected areas: 686510

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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STOCKPILE-1

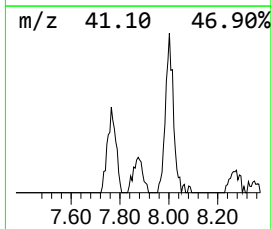
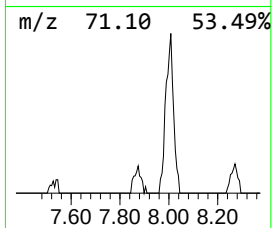
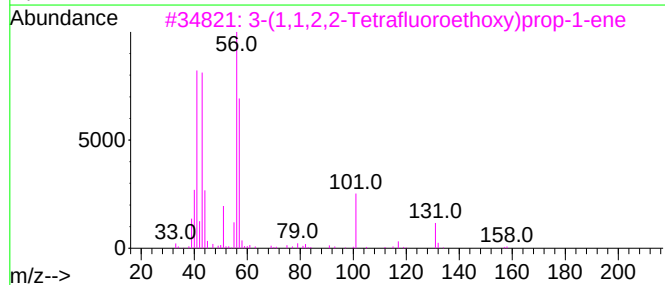
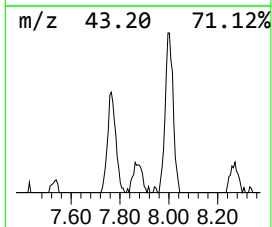
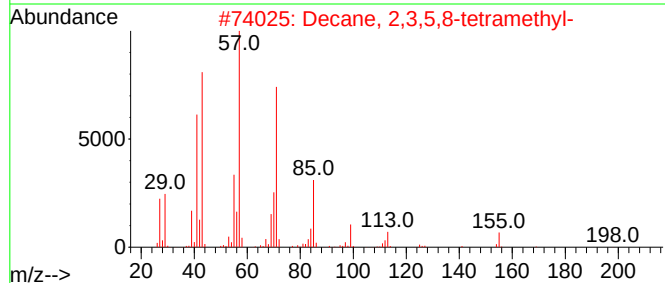
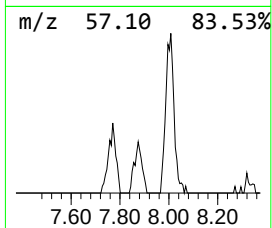
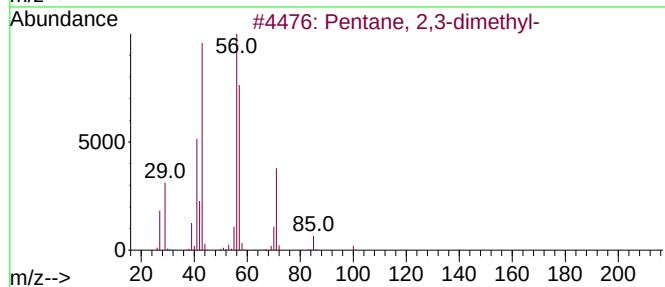
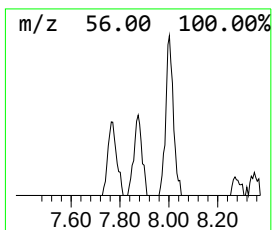
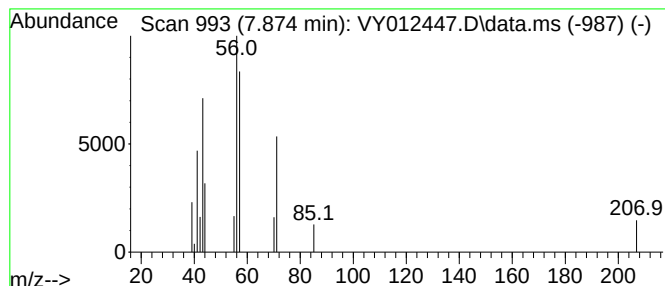
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.874	8.88 ug/l	5907	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	38
3			3-(1,1,2,2-Tetrafluoroethoxy)pro...	158	C5H6F4O	001428-33-7	33
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	32
5			3-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	28



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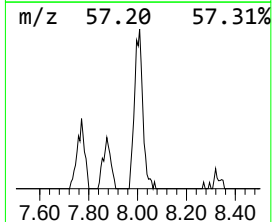
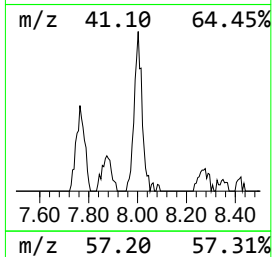
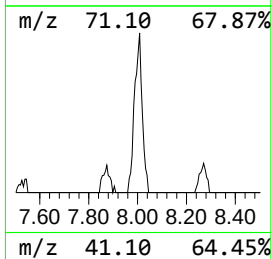
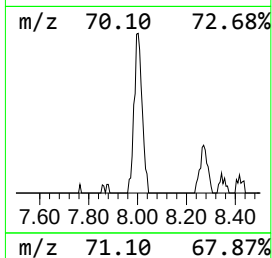
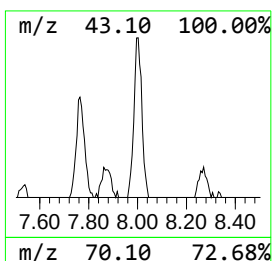
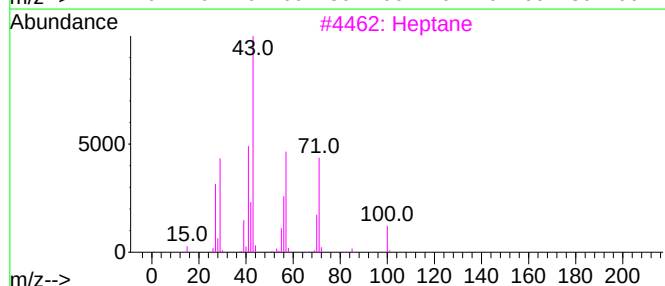
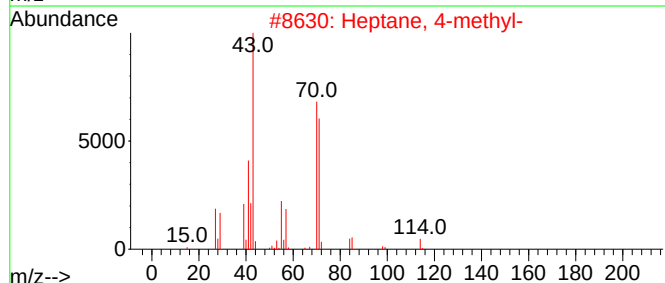
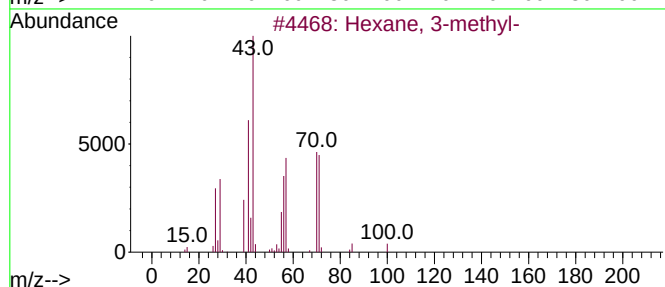
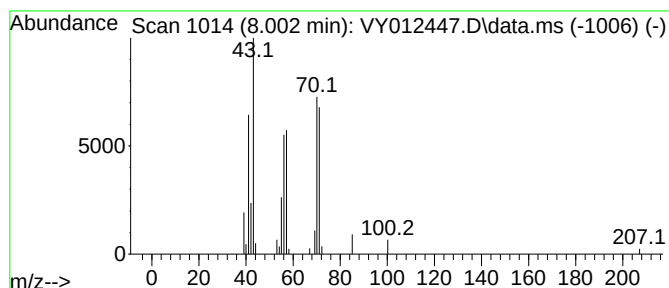
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.002	38.84 ug/l	25840	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	87
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	59
3			Heptane	100	C7H16	000142-82-5	58
4			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
5			1-Pentanol, 3,4-dimethyl-	116	C7H16O	006570-87-2	53



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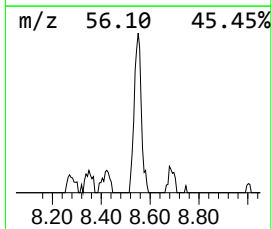
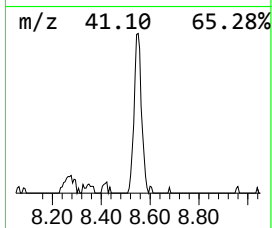
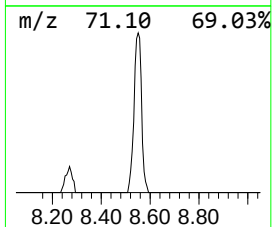
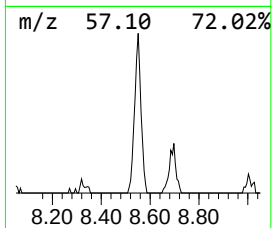
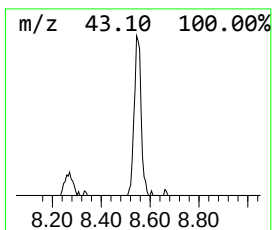
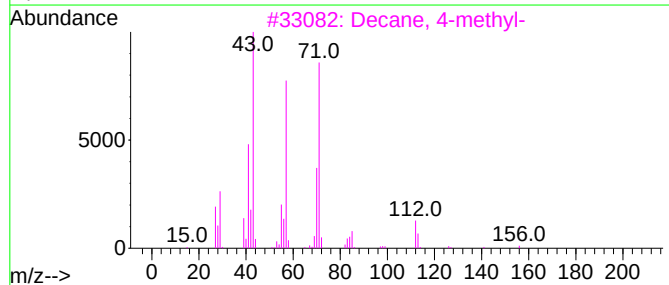
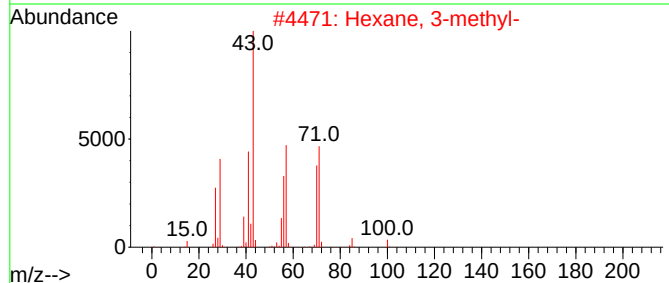
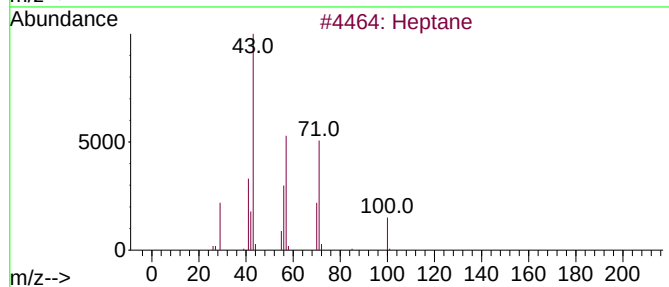
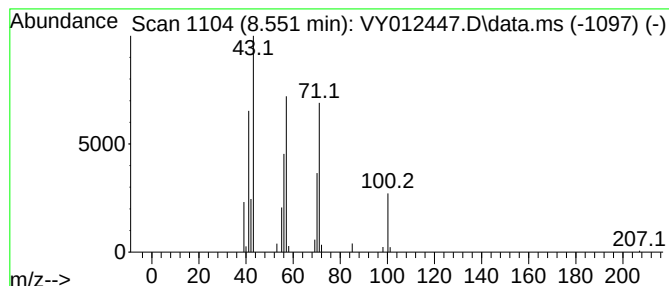
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	45.35 ug/l	27575	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	72
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
3			Decane, 4-methyl-	156	C11H24	002847-72-5	47
4			3-Hexanone	100	C6H12O	000589-38-8	43
5			1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	42



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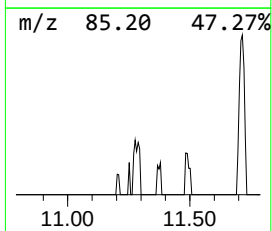
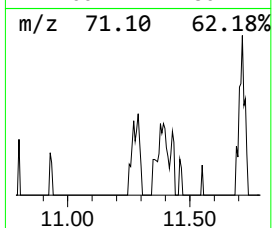
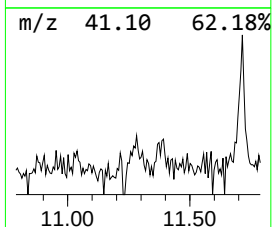
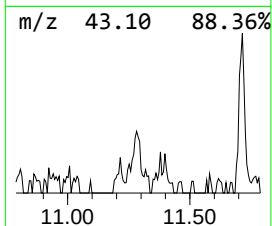
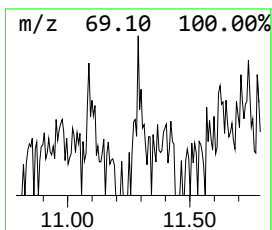
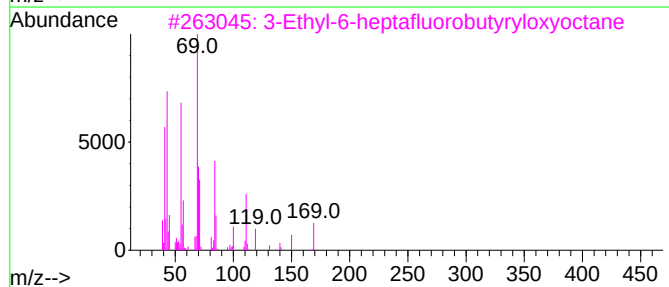
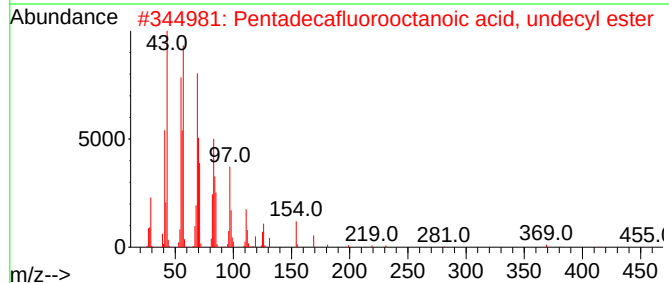
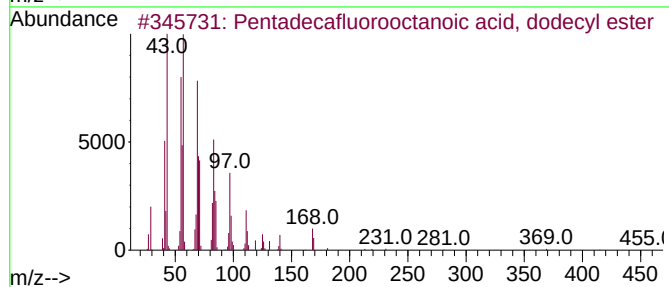
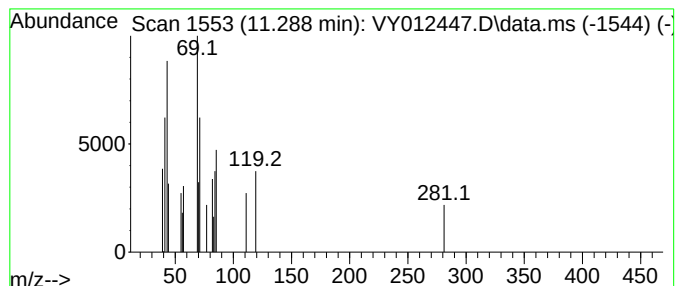
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.288 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	6.19 ug/l	5063	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, do...	582	C20H25F15O2	1000406-04-2	40
2			Pentadecafluorooctanoic acid, un...	568	C19H23F15O2	1010406-04-1	33
3			3-Ethyl-6-heptafluorobutyryloxyo...	354	C14H21F7O2	1000215-97-4	25
4			Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	25
5			4,8-Dimethyl-4-hydroxy-1-nonene	170	C11H22O	1000432-13-0	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
Acq On : 01 Feb 2023 17:13
Operator : KP/MD
Sample : 01390-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

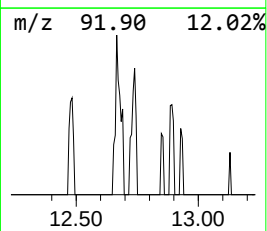
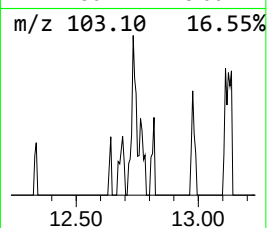
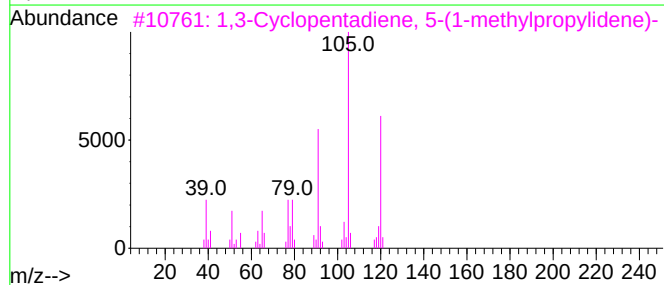
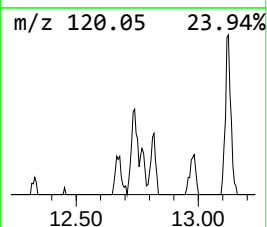
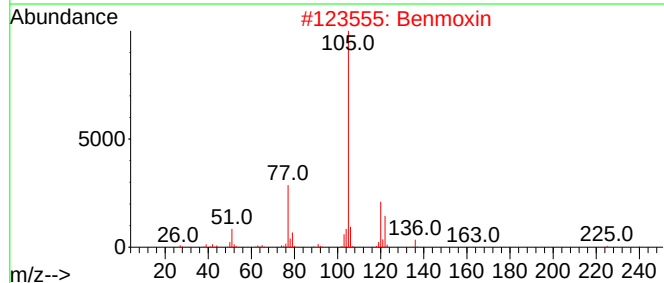
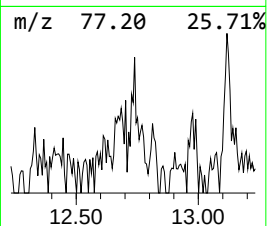
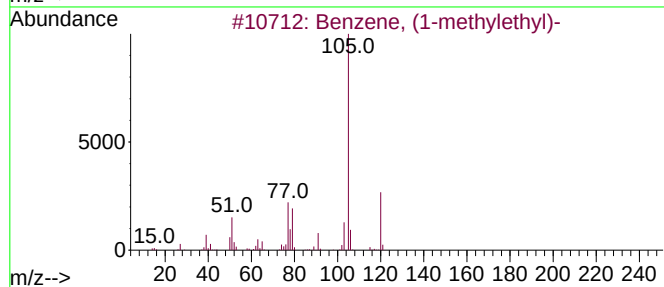
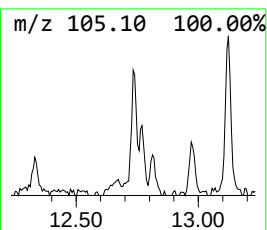
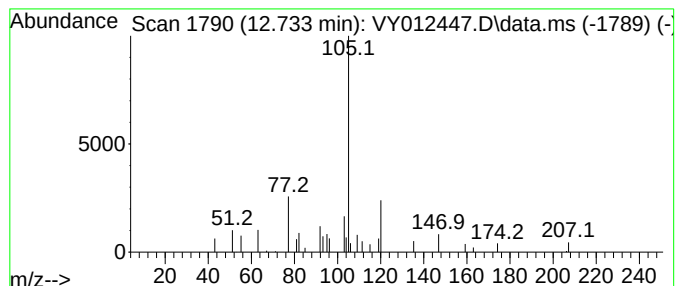
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.733 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	12.29 ug/l	9693	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	33
2			Benmoxin	240	C15H16N2O	007654-03-7	28
3			1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	25
4			Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	17
5			Benzamide, N-hydroxy-	137	C7H7NO2	000495-18-1	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
Acq On : 01 Feb 2023 17:13
Operator : KP/MD
Sample : 01390-01
Misc : 5.04g/5.0mL/MSVOA_Y/soil
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

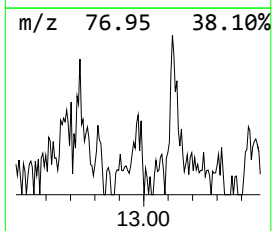
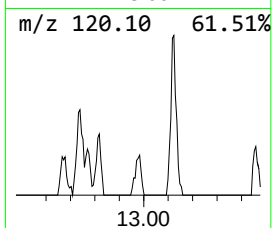
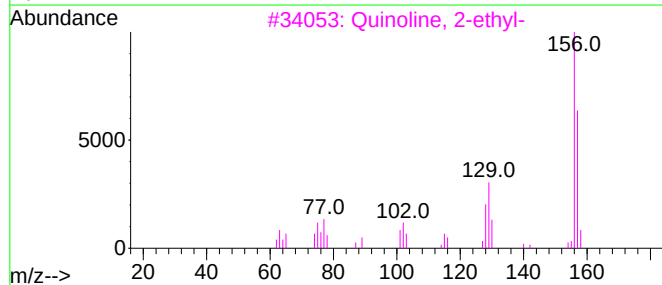
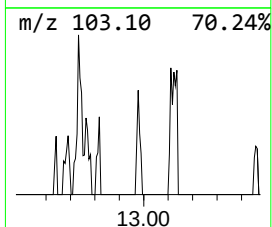
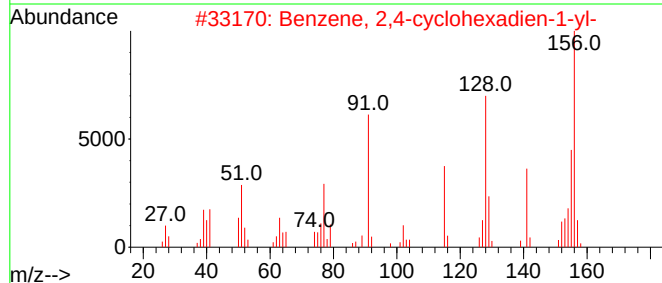
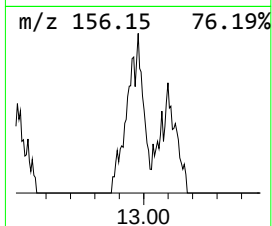
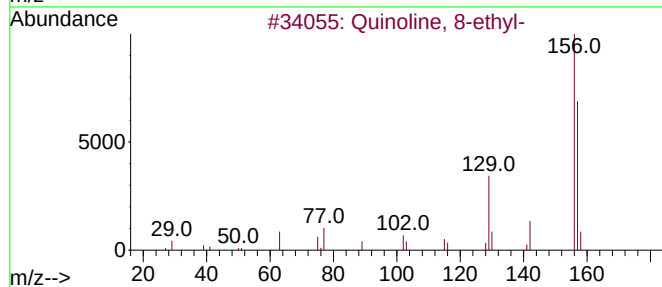
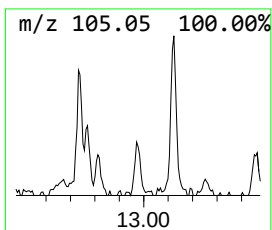
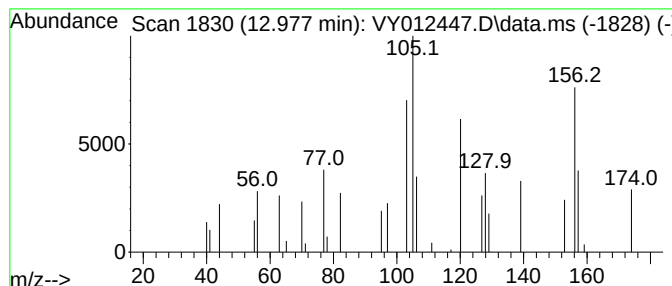
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown12.977 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	8.39 ug/l	6620	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline, 8-ethyl-	157	C11H11N	019655-56-2	22
2			Benzene, 2,4-cyclohexadien-1-yl-	156	C12H12	021473-05-2	12
3			Quinoline, 2-ethyl-	157	C11H11N	001613-34-9	12
4			Pyridine, 2-chloromethyl-6-hydro...	157	C7H8ClNO	040054-00-0	12
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
Acq On : 01 Feb 2023 17:13
Operator : KP/MD
Sample : 01390-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

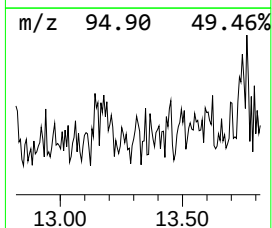
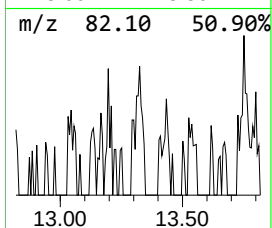
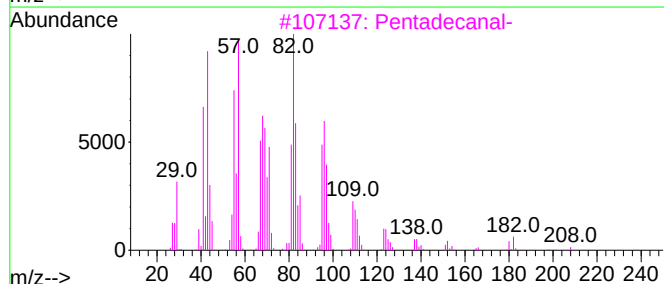
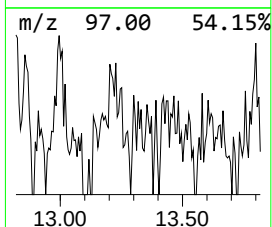
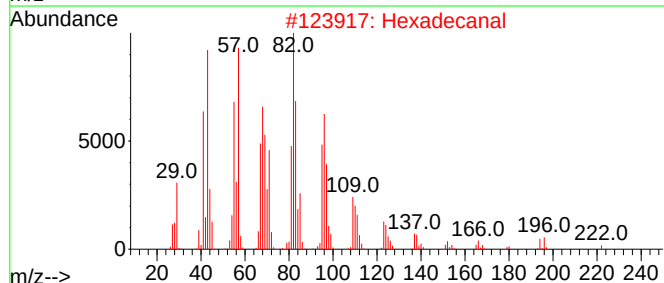
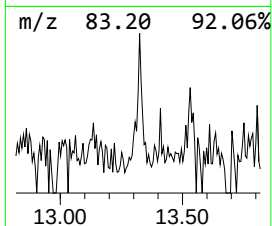
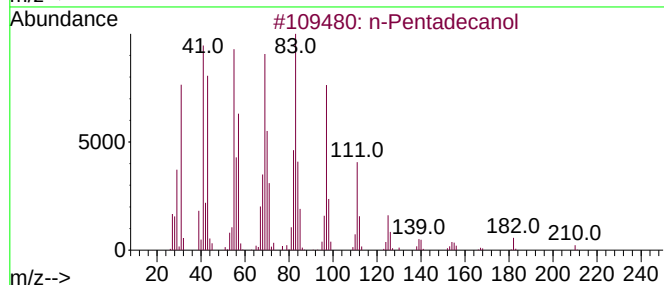
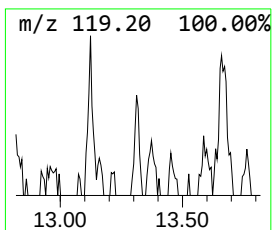
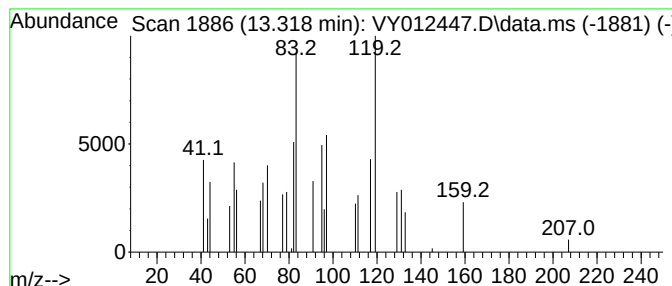
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown13.318 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.318	5.62 ug/l	4435	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Pentadecanol	228	C15H32O	000629-76-5	22
2			Hexadecanal	240	C16H32O	000629-80-1	20
3			Pentadecanal-	226	C15H30O	002765-11-9	12
4			1,10-Dicyanodecane	192	C12H20N2	004543-66-2	10
5			Cyclopentanone, 3-(3-hydroxy-1-p...	140	C8H12O2	074473-08-8	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
Acq On : 01 Feb 2023 17:13
Operator : KP/MD
Sample : 01390-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

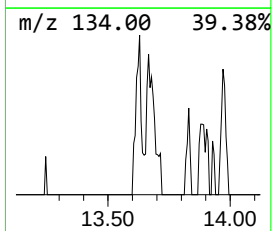
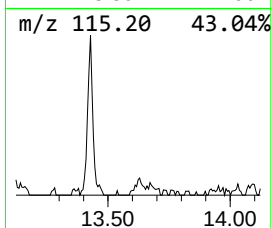
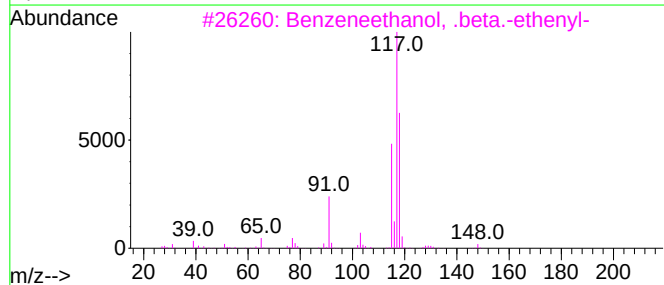
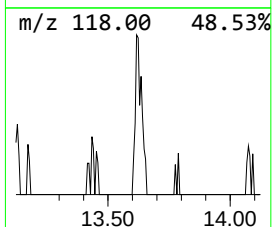
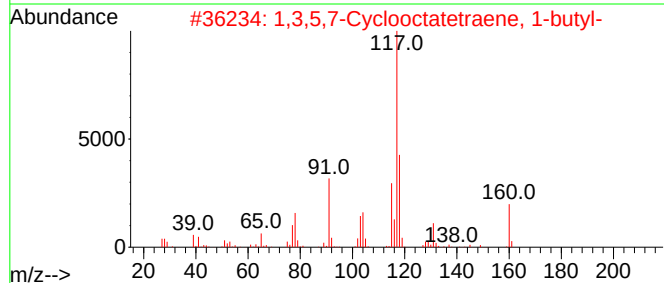
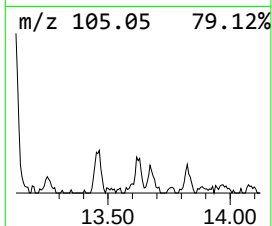
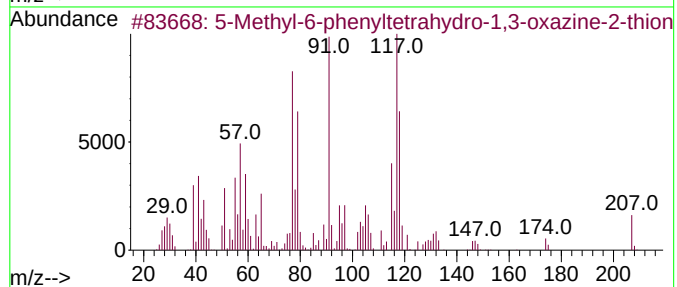
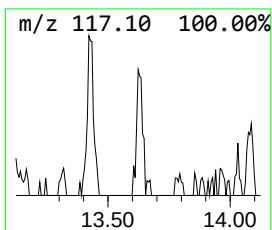
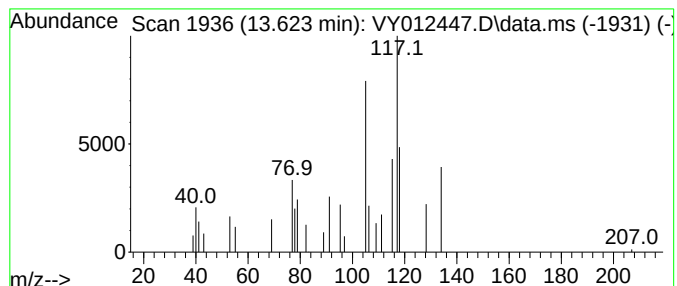
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 5-Methyl-6-phenyltetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	6.62 ug/l	5222	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methyl-6-phenyltetrahydro-1,3-...	207	C11H13NOS	086071-95-6	50
2			1,3,5,7-Cyclooctatetraene, 1-butyl-	160	C12H16	013402-37-4	23
3			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	23
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	16
5			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
Acq On : 01 Feb 2023 17:13
Operator : KP/MD
Sample : 01390-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

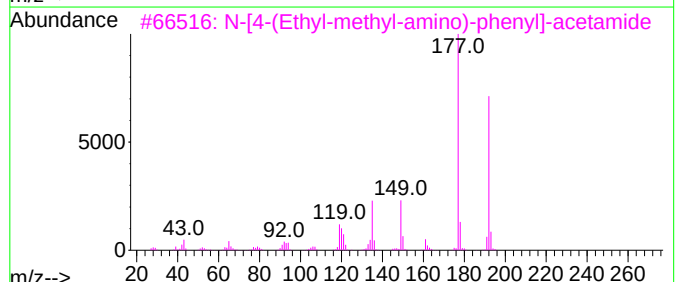
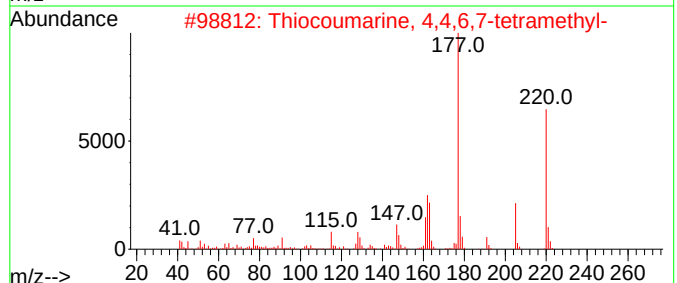
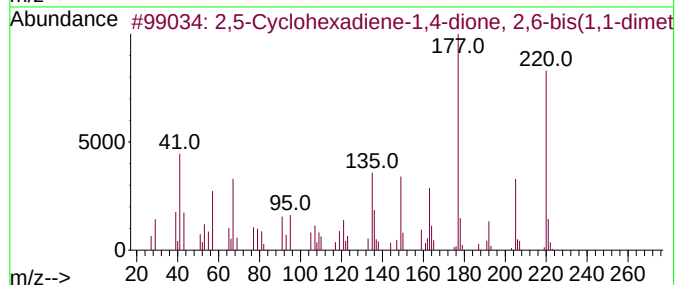
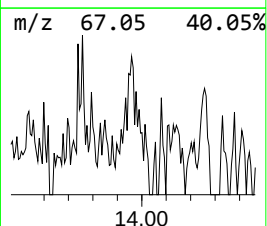
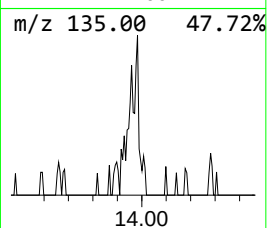
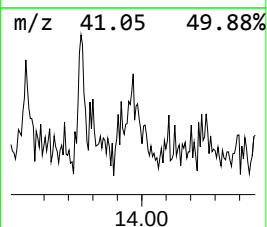
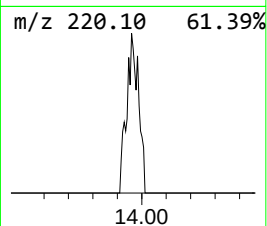
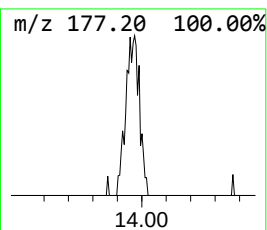
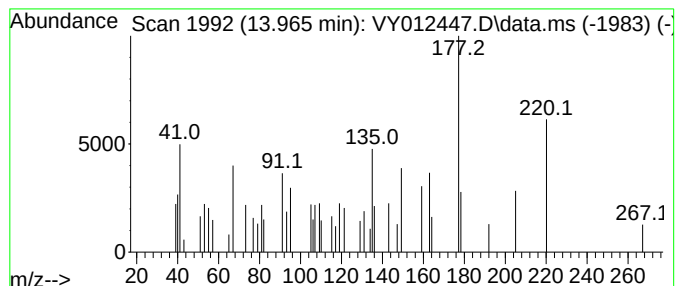
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2,5-Cyclohexadiene-1,4-dione... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	23.48 ug/l	18526	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
2			Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	43
3			N-[4-(Ethyl-methyl-amino)-phenyl]...	192	C11H16N2O	099981-45-0	43
4			Benzene, 1-ethoxymethyl-4-tert-b...	192	C13H20O	1000157-87-5	35
5			[5,5-Dimethyl-6-(3-methyl-buta-1...	222	C14H22O2	1000189-07-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012447.D
Acq On : 01 Feb 2023 17:13
Operator : KP/MD
Sample : 01390-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3-di...	7.874	8.9	ug/l	5907	1	7.789	33269	50.0
Hexane, 3-methyl-	8.002	38.8	ug/l	25840	1	7.789	33269	50.0
Heptane	8.551	45.4	ug/l	27575	2	8.691	30405	50.0
unknown11.288	11.288	6.2	ug/l	5063	3	11.496	40902	50.0
unknown12.733	12.733	12.3	ug/l	9693	4	13.428	39449	50.0
unknown12.977	12.977	8.4	ug/l	6620	4	13.428	39449	50.0
unknown13.318	13.318	5.6	ug/l	4435	4	13.428	39449	50.0
5-Methyl-6-phen...	13.623	6.6	ug/l	5222	4	13.428	39449	50.0
2,5-Cyclohexadi...	13.965	23.5	ug/l	18526	4	13.428	39449	50.0