

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072818.D
 Acq On : 05 May 2022 19:05
 Operator : VA/SY
 Sample : N2667-01
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 75-HALSTAD-ST-STOCK-PILE

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_D\Method\82D050222S.M
 Title : SW846 8260

Signal : TIC: VD072818.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.956	507	516	527	rBV4	20500	61695	2.40%	0.271%
2	5.991	682	692	703	rBV3	31174	95916	3.72%	0.421%
3	7.908	1008	1018	1023	rBV2	347000	821639	31.91%	3.610%
4	7.973	1023	1029	1039	rVB	598201	1312336	50.96%	5.766%
5	8.326	1079	1089	1099	rBV	341384	768160	29.83%	3.375%
6	8.855	1168	1179	1190	rBV	900424	1826678	70.93%	8.026%
7	10.332	1422	1430	1444	rBV	1423186	2575148	100.00%	11.315%
8	10.514	1454	1461	1468	rVB3	57902	112736	4.38%	0.495%
9	10.944	1529	1534	1539	rVB3	26754	42249	1.64%	0.186%
10	11.044	1545	1551	1559	rBV4	14610	32358	1.26%	0.142%
11	11.185	1566	1575	1579	rVV2	29682	55244	2.15%	0.243%
12	11.238	1579	1584	1590	rVB3	35942	67162	2.61%	0.295%
13	11.344	1596	1602	1606	rBV4	30589	52001	2.02%	0.228%
14	11.420	1606	1615	1626	rVB3	94988	229886	8.93%	1.010%
15	11.520	1626	1632	1637	rBV	93841	146672	5.70%	0.644%
16	11.638	1643	1652	1663	rBV	1328783	2371237	92.08%	10.419%
17	11.849	1677	1688	1696	rBV2	451148	807323	31.35%	3.547%
18	11.920	1696	1700	1706	rVB5	45570	87925	3.41%	0.386%
19	12.067	1716	1725	1730	rBV6	25158	49338	1.92%	0.217%
20	12.143	1730	1738	1749	rBV7	92370	300738	11.68%	1.321%
21	12.255	1752	1757	1762	rVB	119751	193982	7.53%	0.852%
22	12.373	1762	1777	1784	rBV6	126442	440794	17.12%	1.937%
23	12.514	1788	1801	1802	rVV7	72196	186238	7.23%	0.818%
24	12.549	1803	1807	1809	rVV	124836	220974	8.58%	0.971%
25	12.573	1809	1811	1813	rVV2	127489	147083	5.71%	0.646%
26	12.620	1813	1819	1830	rVV	1288046	2319113	90.06%	10.190%
27	12.702	1830	1833	1838	rVV5	21086	34067	1.32%	0.150%
28	12.785	1842	1847	1854	rVB6	50603	108545	4.22%	0.477%
29	12.867	1854	1861	1864	rBV2	97103	174622	6.78%	0.767%
30	12.932	1864	1872	1879	rVV	689503	1278789	49.66%	5.619%
31	12.991	1880	1882	1888	rVB4	54447	76081	2.95%	0.334%
32	13.108	1893	1902	1905	rBV2	83853	236291	9.18%	1.038%
33	13.167	1909	1912	1919	rVV3	161222	276810	10.75%	1.216%
34	13.249	1919	1926	1931	rVV2	65726	133391	5.18%	0.586%
35	13.296	1931	1934	1938	rVV3	27871	42068	1.63%	0.185%
36	13.355	1939	1944	1946	rVV6	42269	73170	2.84%	0.321%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	13.379	1946	1948	1953	rVV5	34842	47452	1.84%	0.208%
38	13.449	1953	1960	1964	rVV4	88271	188190	7.31%	0.827%
39	13.490	1964	1967	1970	rVV4	91474	135532	5.26%	0.596%
40	13.561	1970	1979	1987	rVV	1397485	2451813	95.21%	10.773%
41	13.632	1987	1991	1997	rVB	65805	96885	3.76%	0.426%
42	13.755	2008	2012	2016	rVB4	39708	52961	2.06%	0.233%
43	13.796	2016	2019	2023	rBV3	27483	38391	1.49%	0.169%
44	13.879	2028	2033	2038	rBV	414616	616477	23.94%	2.709%
45	14.043	2057	2061	2065	rVB5	33309	51884	2.01%	0.228%
46	14.090	2066	2069	2075	rVB5	51427	85240	3.31%	0.375%
47	14.137	2075	2077	2083	rVB4	30074	42221	1.64%	0.186%
48	14.208	2083	2089	2094	rBV6	50424	90153	3.50%	0.396%
49	14.396	2106	2121	2125	rBV6	72685	232764	9.04%	1.023%
50	14.437	2125	2128	2136	rVB8	40253	81663	3.17%	0.359%
51	14.508	2136	2140	2143	rBV4	37781	53117	2.06%	0.233%
52	14.549	2143	2147	2152	rVB8	29208	45338	1.76%	0.199%
53	14.732	2174	2178	2183	rVB2	152823	212516	8.25%	0.934%
54	14.796	2185	2189	2196	rBV6	34866	77477	3.01%	0.340%
55	14.967	2214	2218	2224	rVB7	23898	44739	1.74%	0.197%
56	15.267	2265	2269	2276	rVB7	28287	69150	2.69%	0.304%
57	15.343	2278	2282	2292	rVB8	26843	48685	1.89%	0.214%
58	15.573	2317	2321	2331	rVB2	64928	113449	4.41%	0.498%
59	15.890	2370	2375	2379	rVB7	15893	30903	1.20%	0.136%
60	16.408	2457	2463	2469	rBV7	14650	33065	1.28%	0.145%
61	16.537	2479	2485	2490	rVB4	29826	60729	2.36%	0.267%

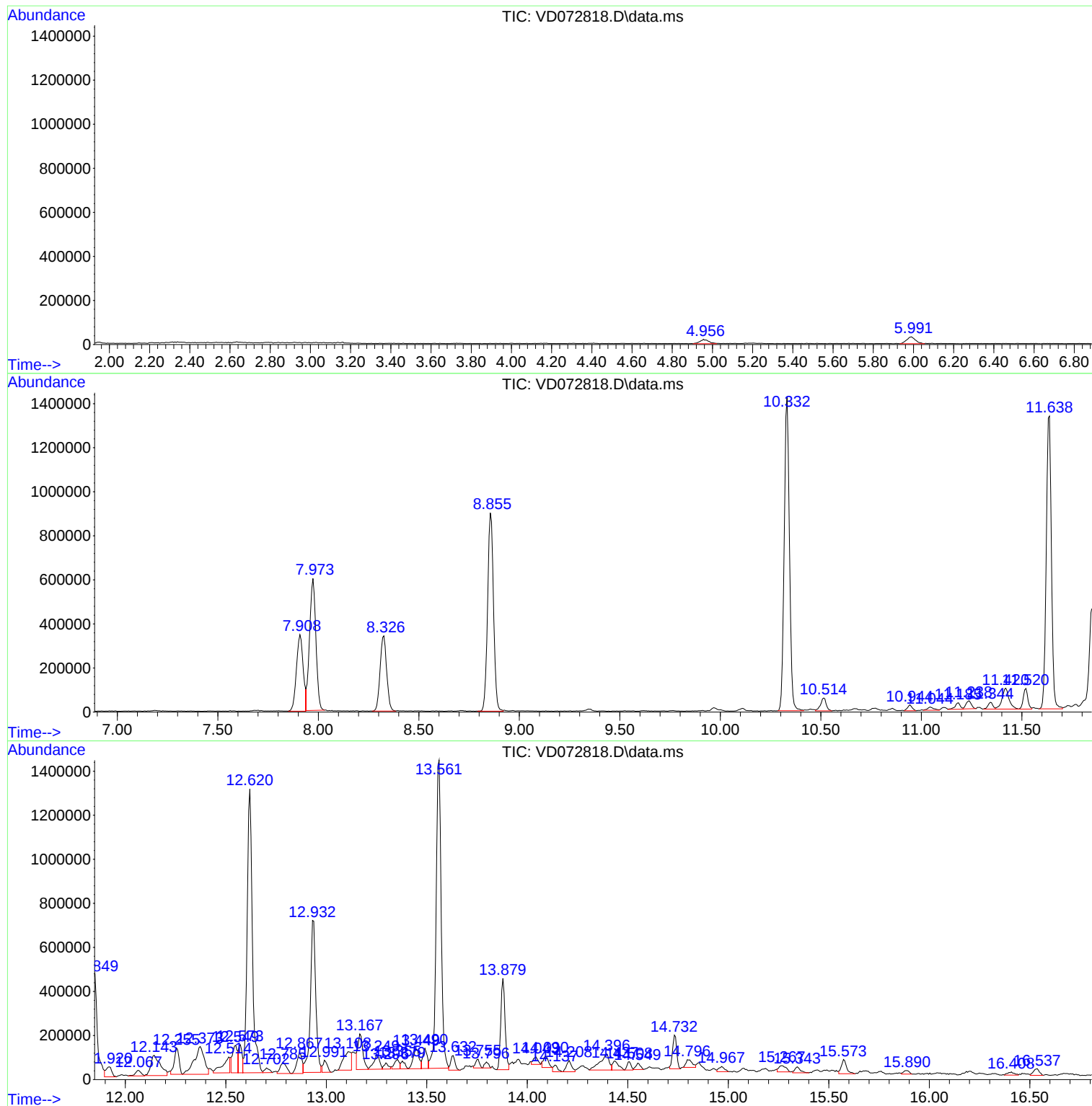
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Quant Title : SW846 8260

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



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75-HALSTAD-ST-STOCK-PILE

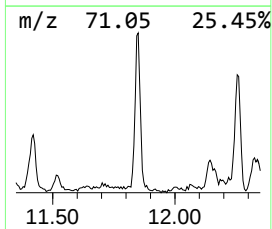
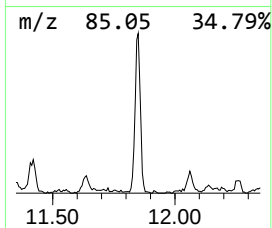
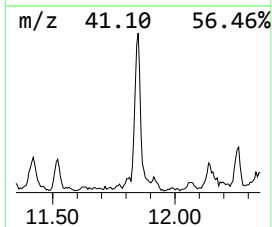
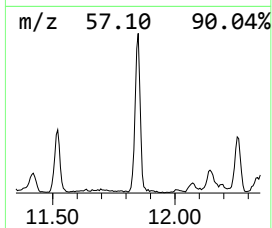
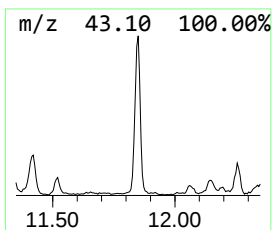
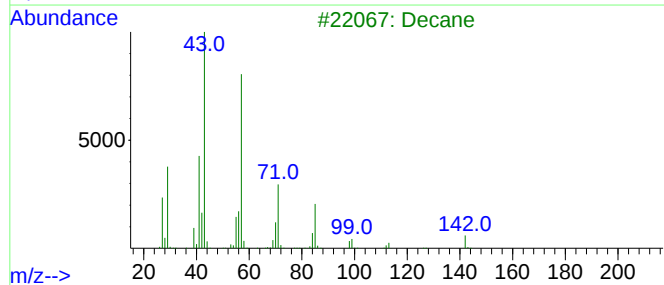
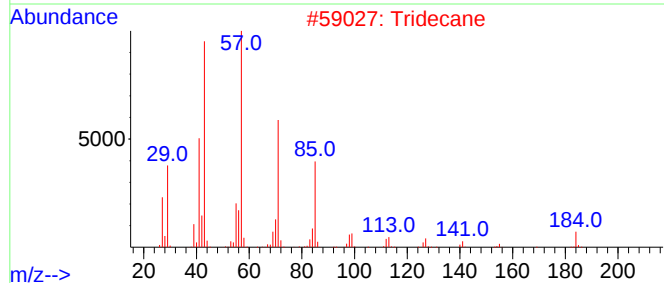
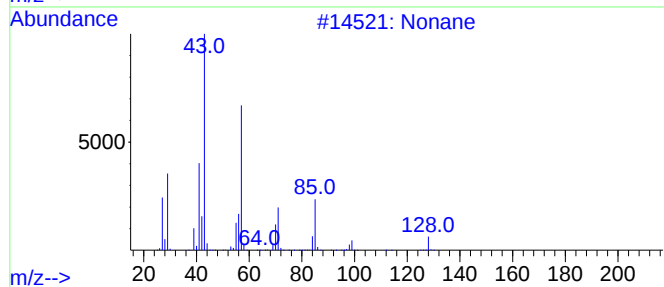
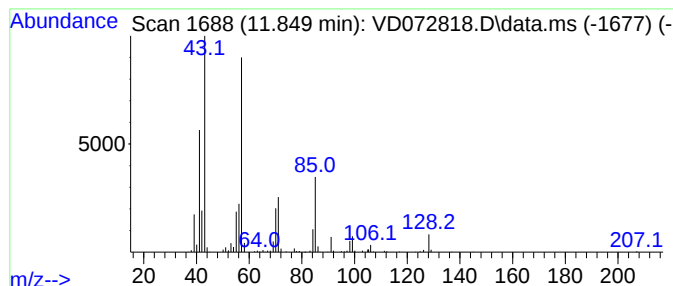
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.849	17.02 ug/l	807323	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	93
2			Tridecane	184	C13H28	000629-50-5	59
3			Decane	142	C10H22	000124-18-5	59
4			Octane	114	C8H18	000111-65-9	53
5			2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	50



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

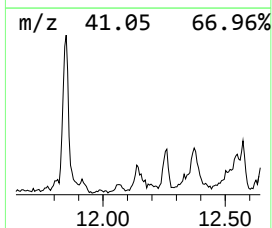
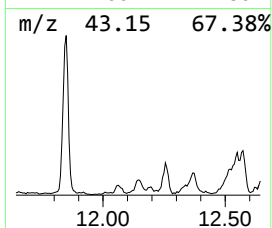
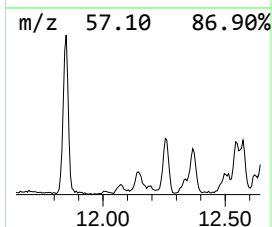
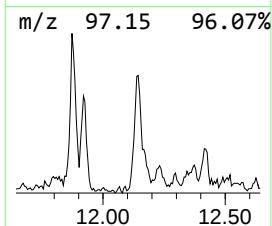
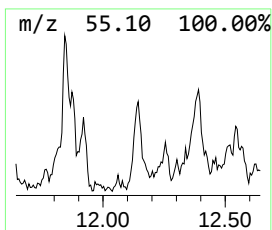
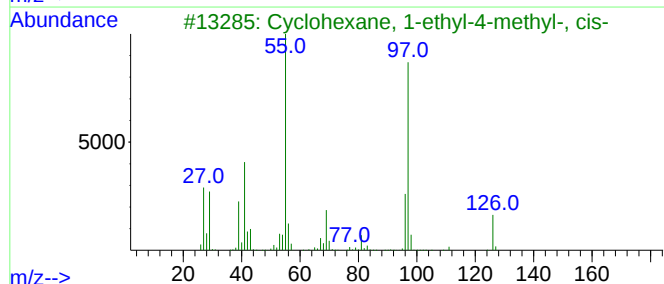
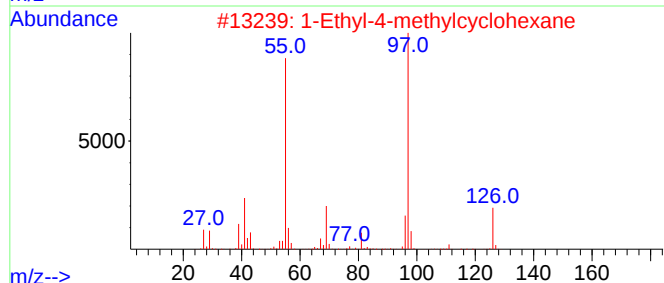
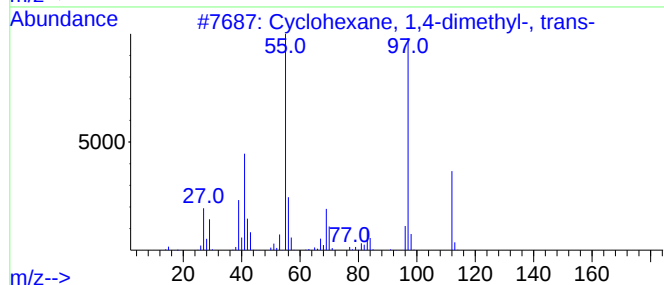
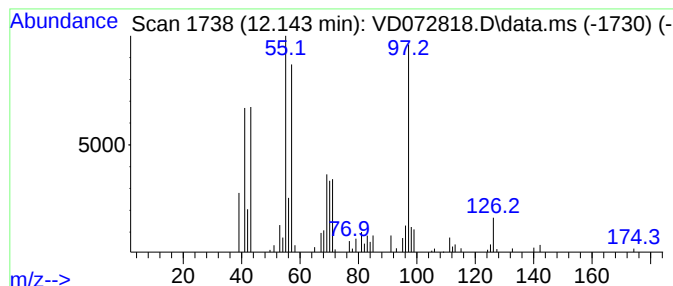
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.144	6.34 ug/l	300738	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
2			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	49
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	49



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Misc : 6.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

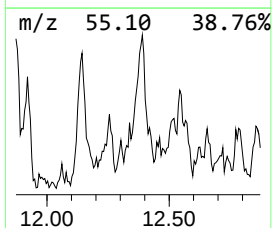
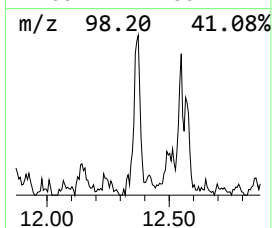
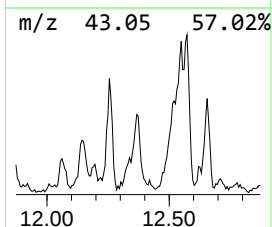
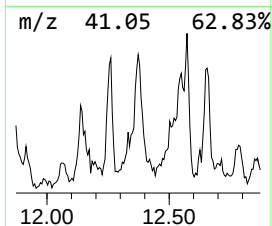
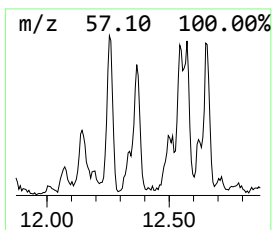
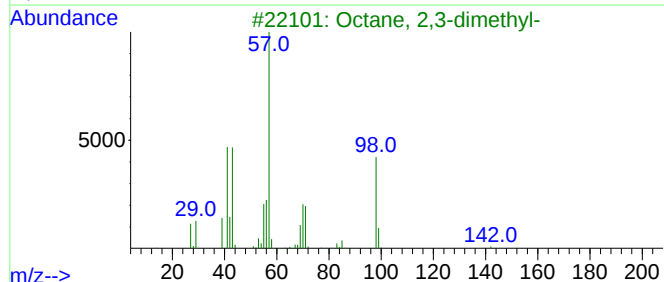
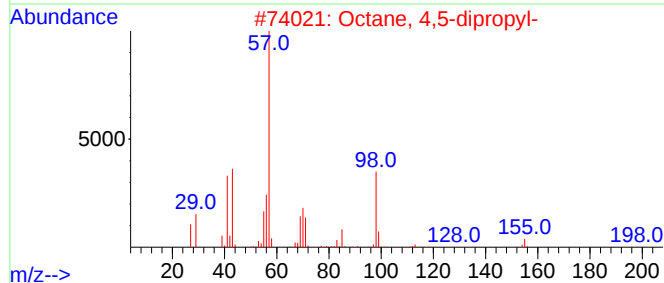
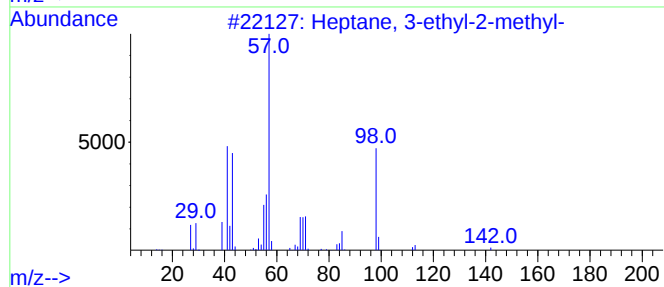
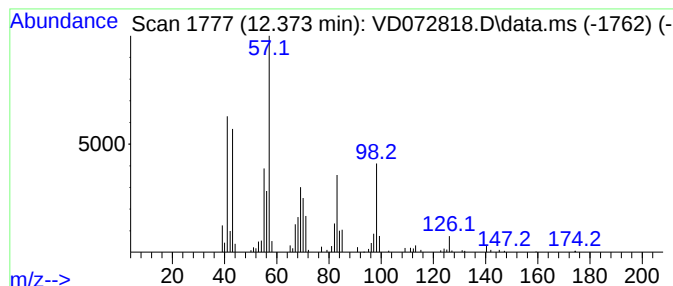
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.373	9.29 ug/l	440794	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	70
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	59
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
4			Dichloroacetic acid, nonyl ester	254	C11H20Cl2O2	083004-99-3	47
5			Dodecyl nonyl ether	312	C21H44O	1000406-37-5	43



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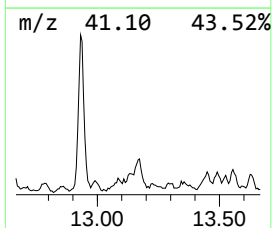
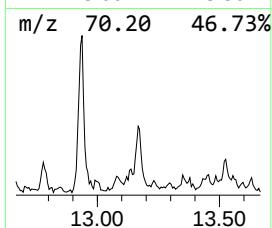
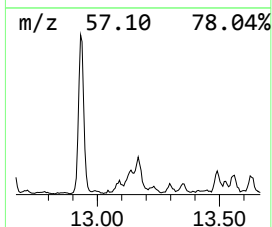
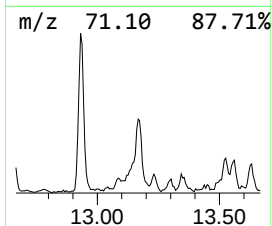
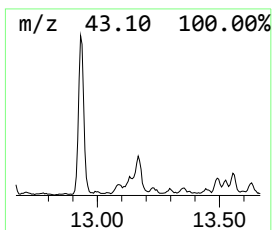
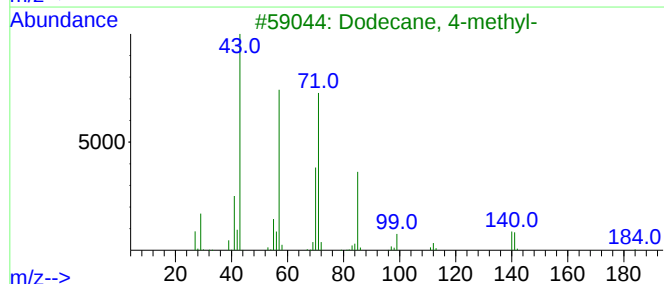
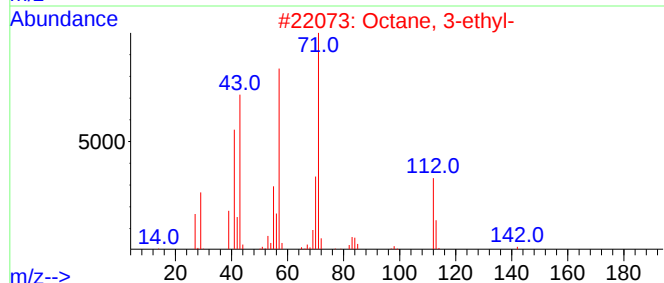
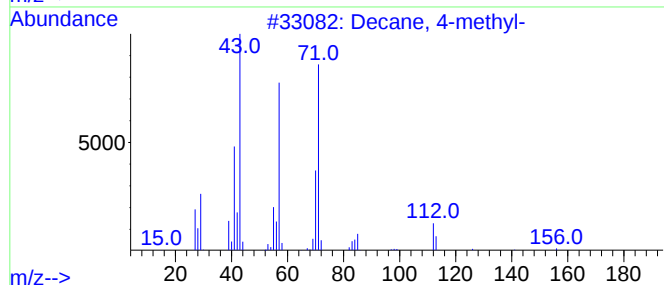
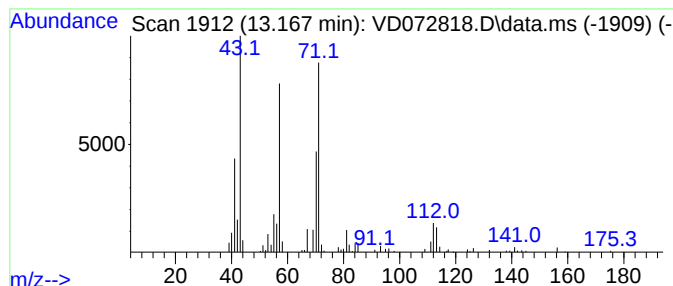
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 4 Decane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.167	5.65 ug/l	276810	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	68
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5			Undecane, 4-methyl-	170	C12H26	002980-69-0	59



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ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

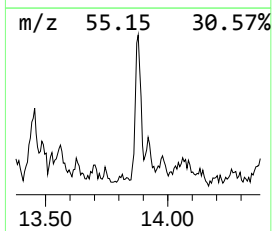
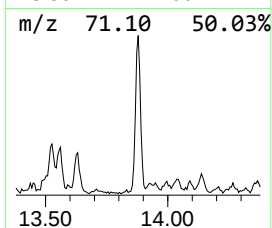
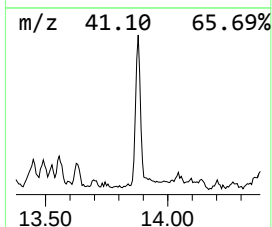
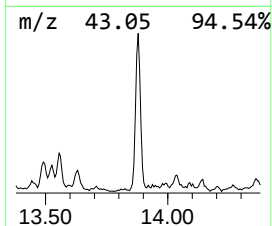
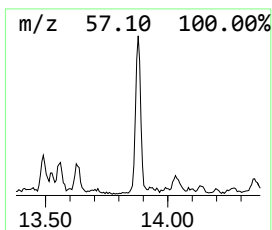
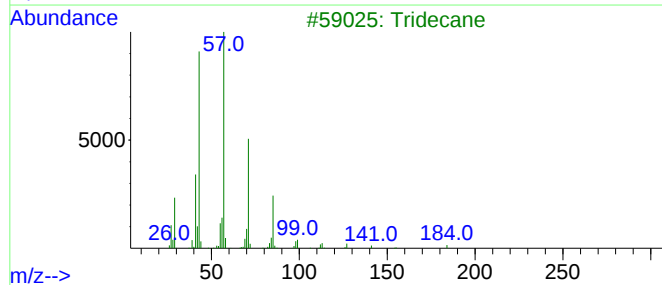
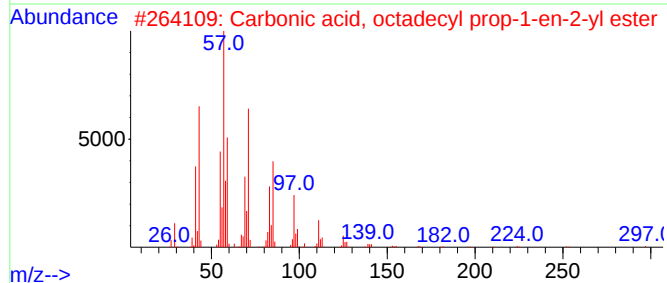
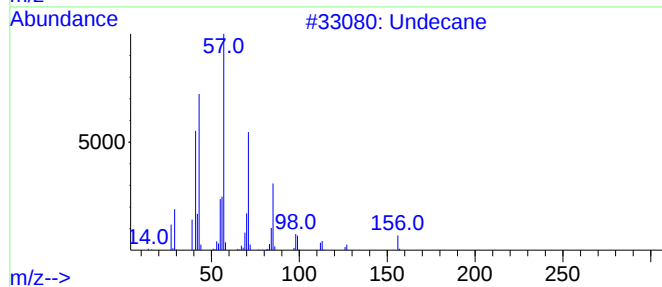
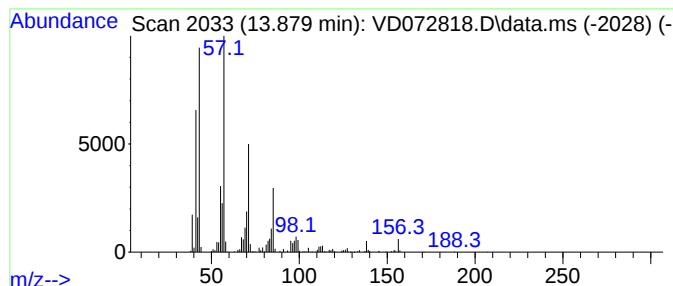
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	12.57 ug/l	616477	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Carbonic acid, octadecyl prop-1-...			354	C22H42O3	1000383-11-5	64
3	Tridecane			184	C13H28	000629-50-5	59
4	Hexadecane			226	C16H34	000544-76-3	59
5	Silane, trichlorooctadecyl-			386	C18H37Cl3Si	000112-04-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072818.D
Acq On : 05 May 2022 19:05
Operator : VA/SY
Sample : N2667-01
Misc : 6.67G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
75-HALSTAD-ST-STOCK-PILE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	11.849	17.0	ug/l	807323	3	11.638	2371240	50.0
Cyclohexane, 1,...	12.144	6.3	ug/l	300738	3	11.638	2371240	50.0
Heptane, 3-ethy...	12.373	9.3	ug/l	440794	3	11.638	2371240	50.0
Decane, 4-methyl-	13.167	5.7	ug/l	276810	4	13.561	2451810	50.0
Undecane	13.879	12.6	ug/l	616477	4	13.561	2451810	50.0