

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072139.D
 Acq On : 01 Mar 2022 15:01
 Operator : VA/SY
 Sample : N1713-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-235

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\82D021822S.M
 Title : SW846 8260

Signal : TIC: VD072139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.156	369	380	398	rBV	252596	724095	2.25%	0.240%
2	7.914	1008	1019	1024	rBV	300604	728138	2.26%	0.242%
3	7.979	1024	1030	1042	rVB	543656	1206866	3.75%	0.401%
4	8.326	1080	1089	1101	rBV	263437	593856	1.85%	0.197%
5	8.861	1171	1180	1190	rBV	822272	1632241	5.07%	0.542%
6	10.338	1422	1431	1437	rBV	1258382	2299429	7.14%	0.763%
7	11.079	1546	1557	1567	rBV2	281774	596083	1.85%	0.198%
8	11.420	1607	1615	1627	rVB3	268608	650565	2.02%	0.216%
9	11.526	1627	1633	1638	rBV	240574	399702	1.24%	0.133%
10	11.638	1645	1652	1663	rVB	1092735	1888496	5.87%	0.627%
11	11.849	1678	1688	1697	rVV3	1668350	3411679	10.60%	1.133%
12	12.020	1712	1717	1722	rBV	226881	368766	1.15%	0.122%
13	12.149	1731	1739	1740	rBV4	373762	626192	1.95%	0.208%
14	12.261	1750	1758	1763	rVB3	595774	1199378	3.73%	0.398%
15	12.349	1763	1773	1774	rBV4	364882	662462	2.06%	0.220%
16	12.379	1774	1778	1788	rVB6	512542	1164049	3.62%	0.387%
17	12.479	1788	1795	1803	rBV	11746998	20204271	62.77%	6.709%
18	12.549	1803	1807	1809	rVV	641082	952844	2.96%	0.316%
19	12.579	1809	1812	1815	rVB	691409	899427	2.79%	0.299%
20	12.626	1815	1820	1823	rBV	792527	1238103	3.85%	0.411%
21	12.661	1823	1826	1831	rVB	612466	775919	2.41%	0.258%
22	12.726	1831	1837	1843	rVB3	424414	794732	2.47%	0.264%
23	12.791	1843	1848	1849	rBV2	250560	367001	1.14%	0.122%
24	12.873	1855	1862	1866	rBV2	1052342	1963202	6.10%	0.652%
25	12.938	1866	1873	1880	rVB	6438794	10915570	33.91%	3.624%
26	13.038	1880	1890	1895	rVB	3821679	6942506	21.57%	2.305%
27	13.091	1895	1899	1901	rBV	481740	733331	2.28%	0.243%
28	13.173	1909	1913	1919	rVB	1961880	3057650	9.50%	1.015%
29	13.261	1920	1928	1930	rBV	2177509	4122043	12.81%	1.369%
30	13.355	1940	1944	1947	rBV2	534731	861622	2.68%	0.286%
31	13.491	1955	1967	1971	rBV5	2399688	8567247	26.62%	2.845%
32	13.561	1976	1979	1983	rVV	2398184	3017473	9.37%	1.002%
33	13.632	1988	1991	1997	rVB	1822882	2514753	7.81%	0.835%
34	13.708	1998	2004	2005	rBV4	375856	675641	2.10%	0.224%
35	13.755	2008	2012	2016	rBV2	1075591	1516234	4.71%	0.503%
36	13.802	2016	2020	2024	rBV2	623501	959212	2.98%	0.318%

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37	13.885	2028	2034	2039	rBV	15844722	23739209	73.75%	7.882%
38	13.932	2039	2042	2045	rVB2	500167	587846	1.83%	0.195%
39	14.043	2055	2061	2066	rVB4	1601945	2959882	9.20%	0.983%
40	14.102	2067	2071	2075	rVB2	1486186	2047516	6.36%	0.680%
41	14.143	2075	2078	2084	rVB3	2046201	3196787	9.93%	1.061%
42	14.208	2084	2089	2095	rBV2	2025149	3765664	11.70%	1.250%
43	14.273	2095	2100	2106	rBV6	1285959	2358822	7.33%	0.783%
44	14.367	2106	2116	2117	rBV3	3600628	7317602	22.73%	2.430%
45	14.396	2118	2121	2125	rVV4	4783066	7827542	24.32%	2.599%
46	14.443	2125	2129	2136	rVB2	3434655	5931636	18.43%	1.970%
47	14.508	2136	2140	2144	rBV	3487457	4692834	14.58%	1.558%
48	14.555	2144	2148	2153	rVB4	1679895	2578134	8.01%	0.856%
49	14.614	2154	2158	2161	rBV3	946425	1500881	4.66%	0.498%
50	14.649	2162	2164	2168	rBV	450678	532146	1.65%	0.177%
51	14.738	2169	2179	2185	rBV	21006739	32186771	100.00%	10.687%
52	14.814	2186	2192	2195	rVV4	4011390	8112317	25.20%	2.694%
53	14.855	2195	2199	2207	rVV2	7624429	14078491	43.74%	4.675%
54	14.932	2209	2212	2215	rVV4	1129249	1805186	5.61%	0.599%
55	14.973	2216	2219	2226	rVB4	1675590	3269662	10.16%	1.086%
56	15.079	2233	2237	2241	rVB4	1831356	2624263	8.15%	0.871%
57	15.185	2249	2255	2260	rBV5	3692788	7944628	24.68%	2.638%
58	15.232	2260	2263	2265	rVV	2063922	2979025	9.26%	0.989%
59	15.273	2266	2270	2277	rVB4	4478625	9142139	28.40%	3.036%
60	15.349	2278	2283	2290	rBV2	5713525	10253906	31.86%	3.405%
61	15.490	2304	2307	2311	rBV3	1213928	1831003	5.69%	0.608%
62	15.579	2317	2322	2332	rVB	13110486	23236183	72.19%	7.715%
63	15.690	2332	2341	2347	rVV6	2082466	6695334	20.80%	2.223%
64	15.761	2349	2353	2361	rVB4	2077069	4087023	12.70%	1.357%
65	15.896	2372	2376	2383	rVB4	1795194	3364394	10.45%	1.117%
66	16.202	2421	2428	2433	rBV5	1033645	2873465	8.93%	0.954%
67	16.326	2445	2449	2457	rVB	1111677	2061595	6.41%	0.685%
68	16.408	2458	2463	2470	rVB2	1002526	1930339	6.00%	0.641%
69	16.537	2480	2485	2491	rVB	2516690	4430246	13.76%	1.471%

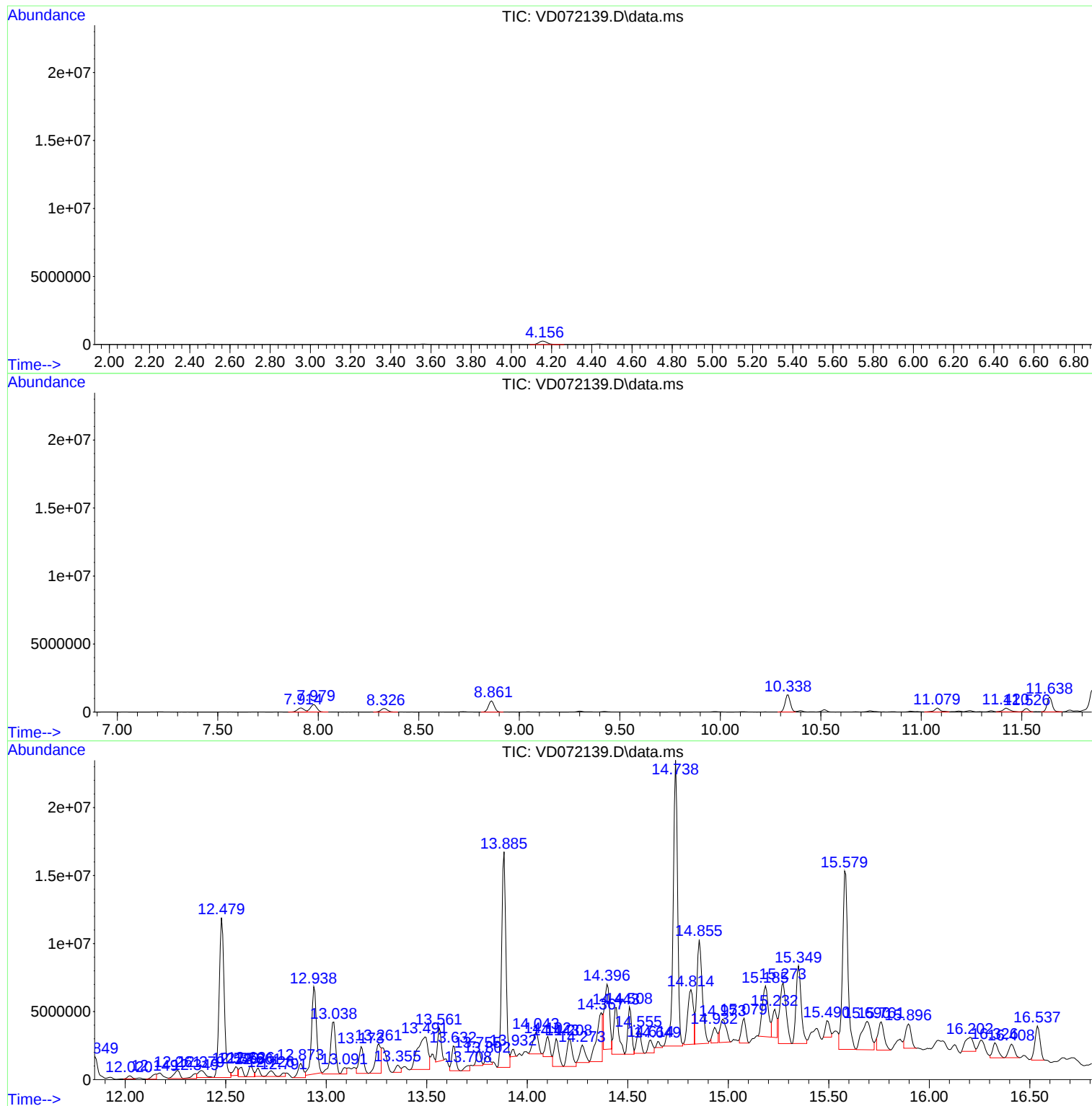
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ClientSampleId :
VNJ-235

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

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



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Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

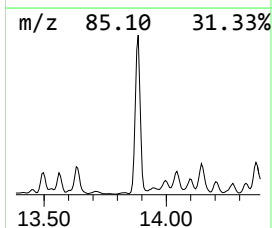
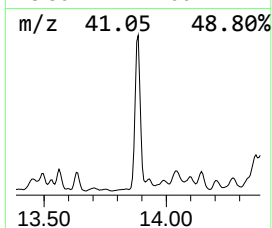
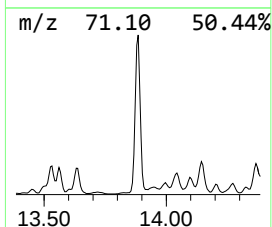
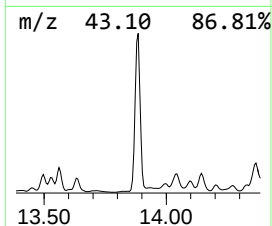
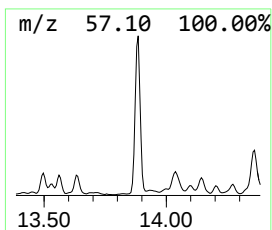
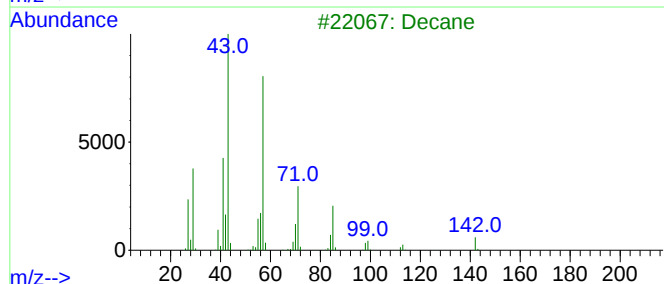
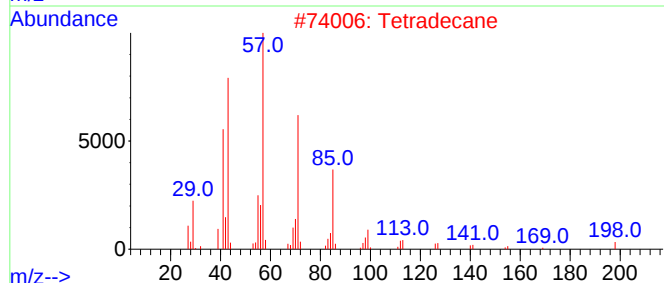
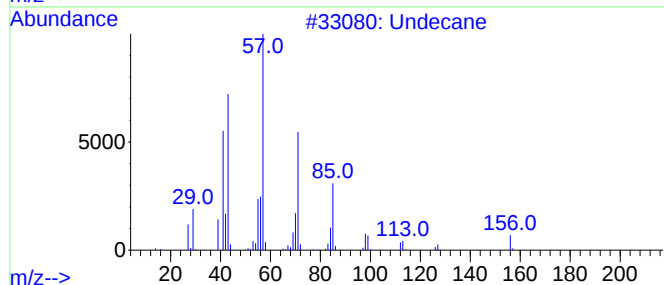
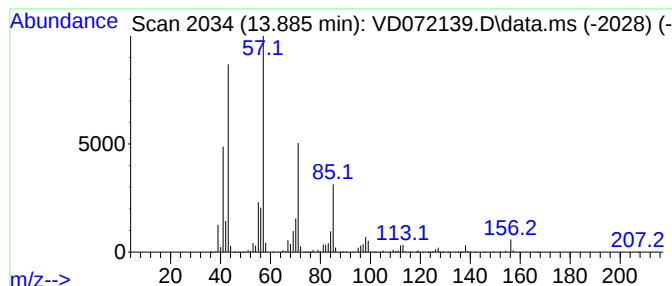
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	393.36 ug/l	23739200	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Tetradecane			198	C14H30	000629-59-4	86
3	Decane			142	C10H22	000124-18-5	78
4	Tridecane			184	C13H28	000629-50-5	72
5	Hexadecane			226	C16H34	000544-76-3	72



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Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

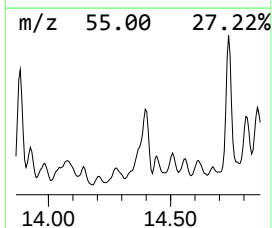
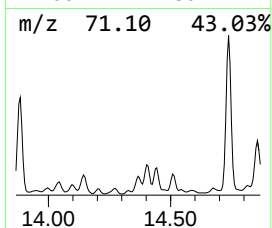
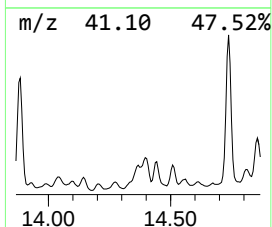
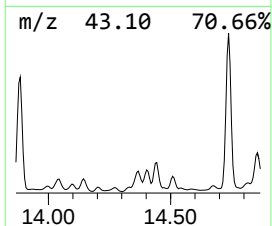
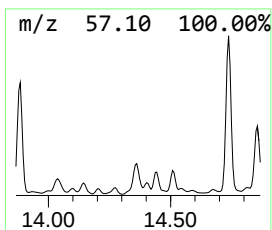
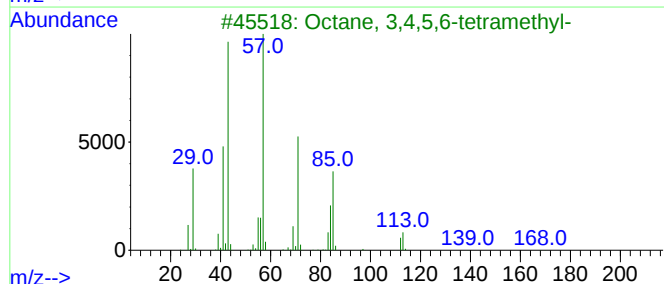
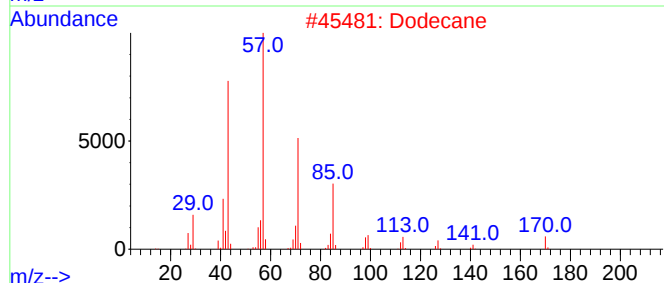
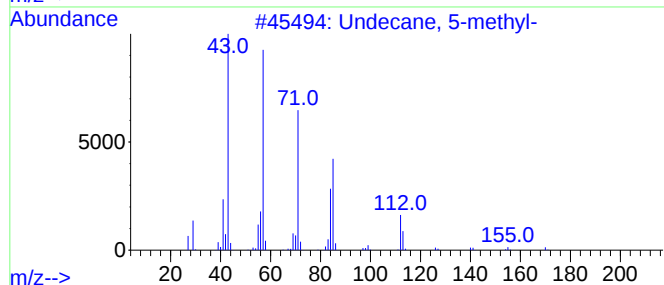
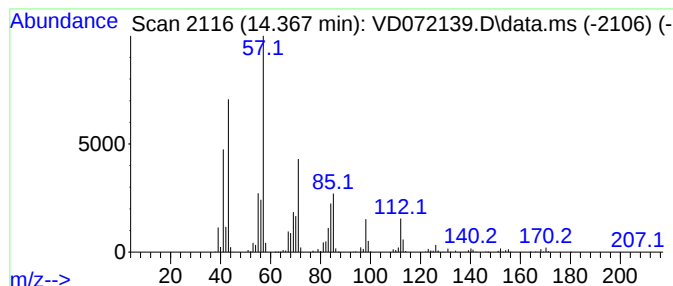
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

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

Peak Number 2 Undecane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.367	121.25 ug/l	7317600	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	59
2			Dodecane	170	C12H26	000112-40-3	59
3			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5			Hexadecane	226	C16H34	000544-76-3	50



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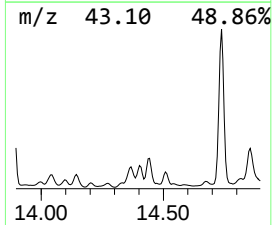
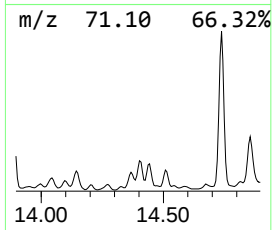
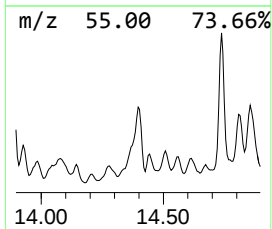
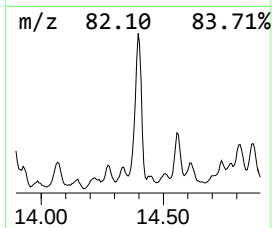
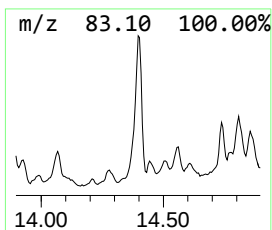
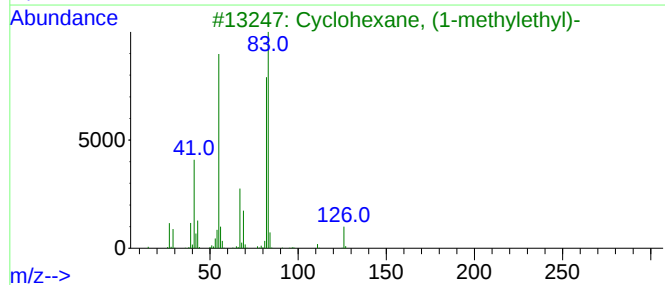
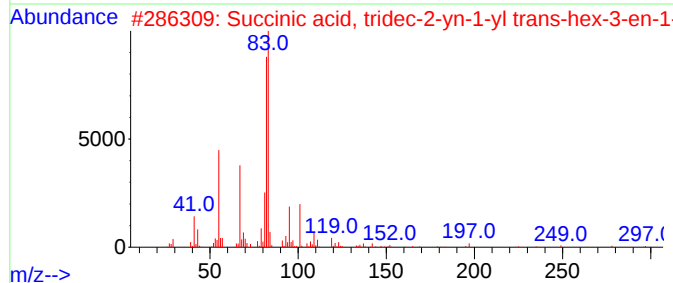
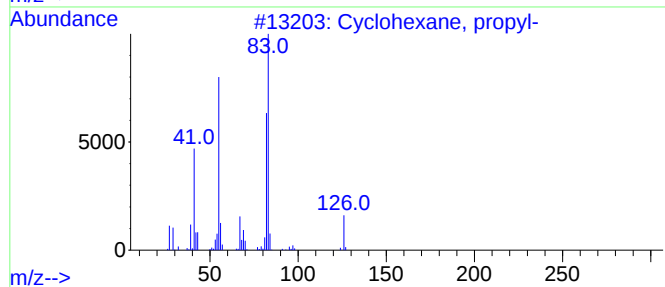
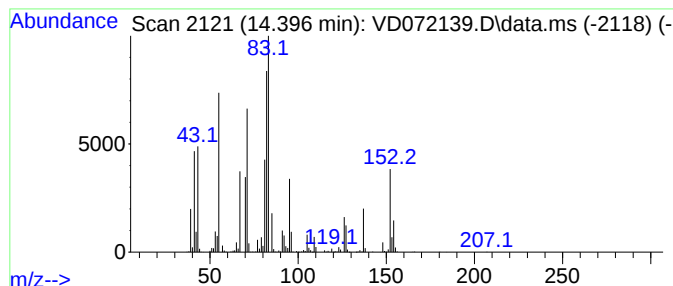
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Quant Title : SW846 8260

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

Peak Number 3 unknown14.396 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	129.70 ug/l	7827540	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	46
2			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	43
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
5			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	38



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Instrument :
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ClientSampleId :
VNJ-235

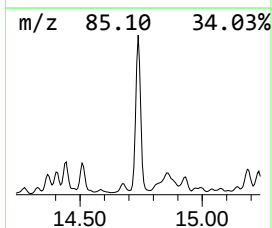
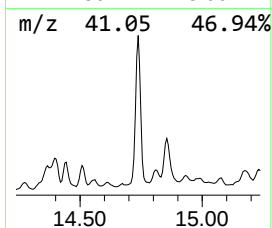
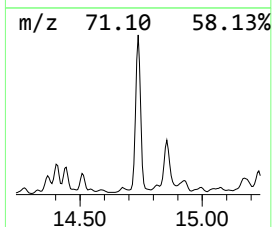
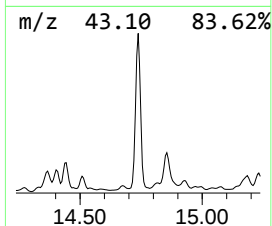
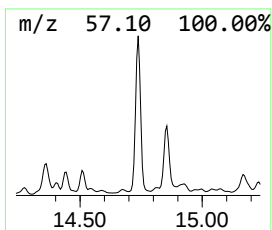
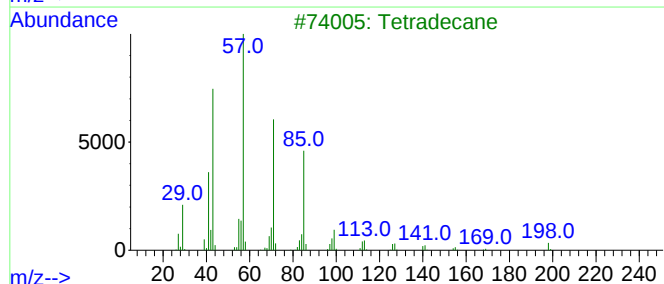
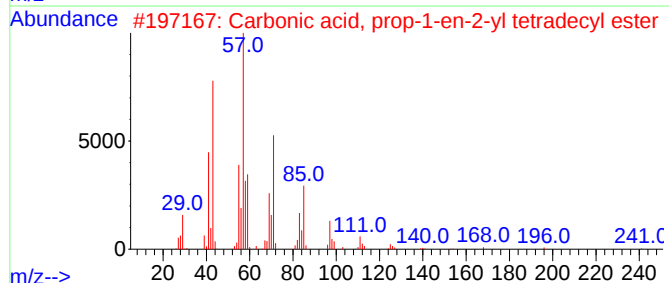
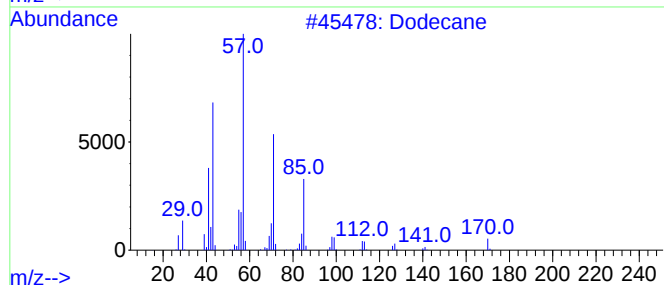
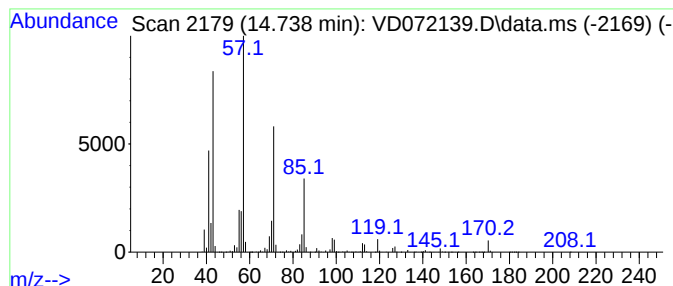
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	533.34 ug/l	32186800	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

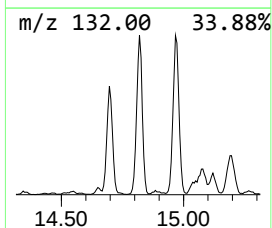
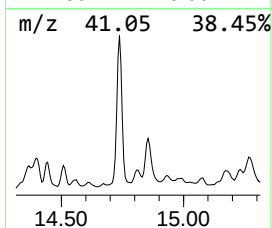
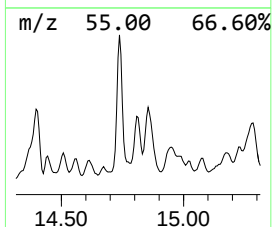
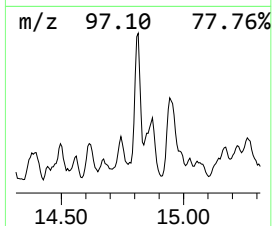
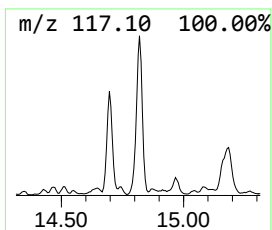
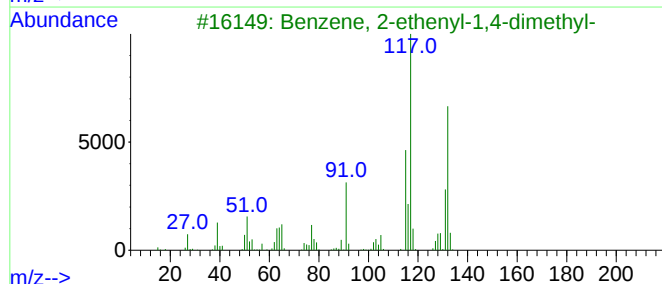
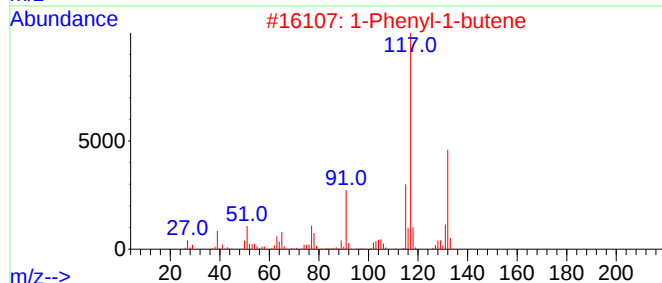
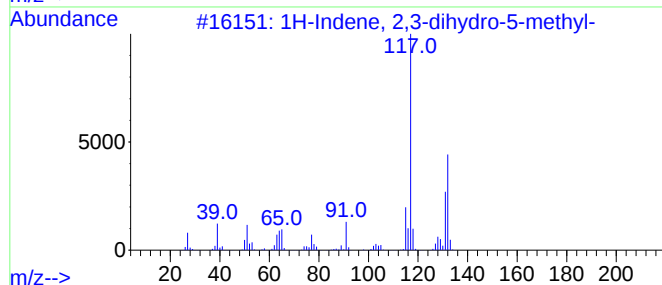
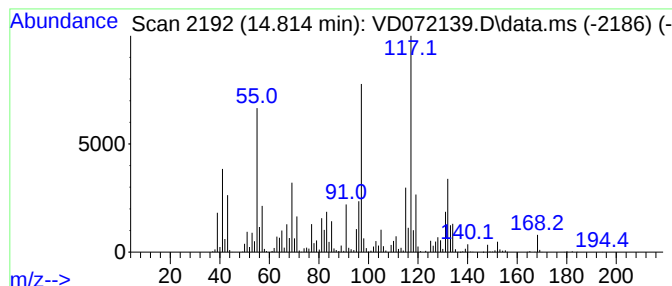
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	134.42 ug/l	8112320	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	83
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	74
5			3-Chloro-2-methylcyclopent-2-enol	132	C6H9ClO	1000192-84-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

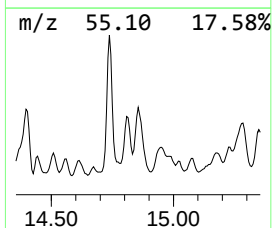
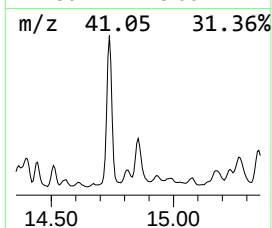
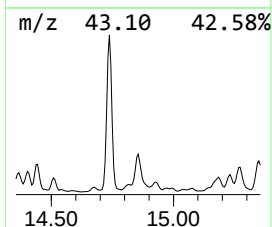
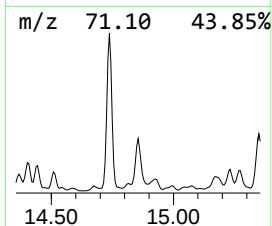
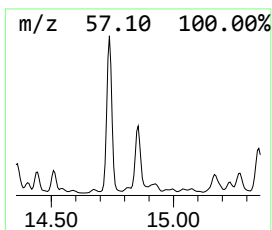
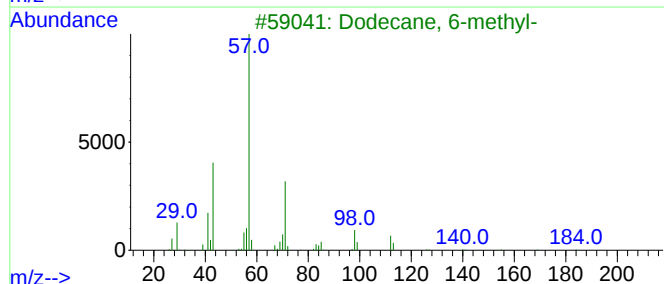
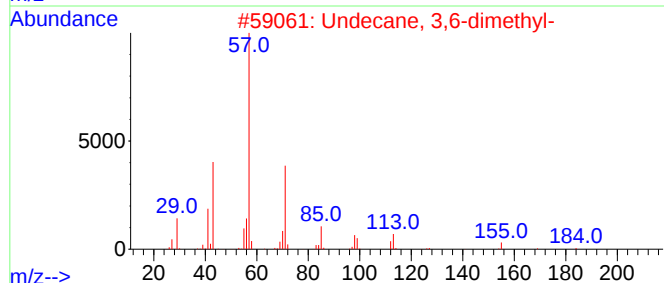
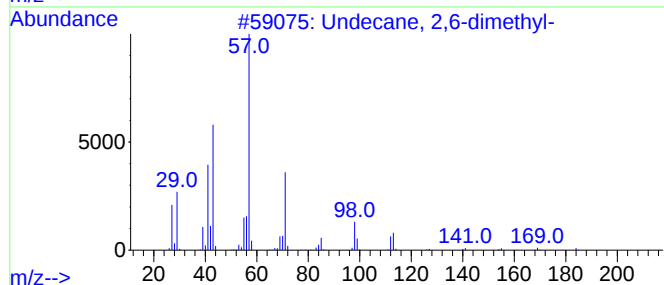
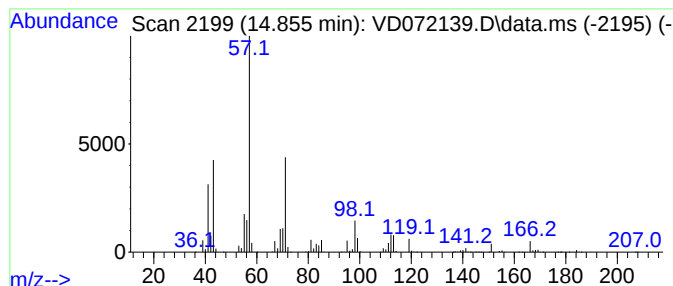
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Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	233.28 ug/l	14078500	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	60
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

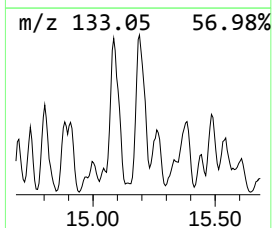
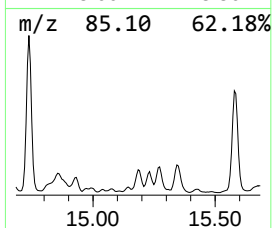
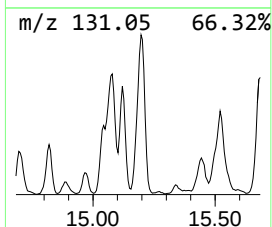
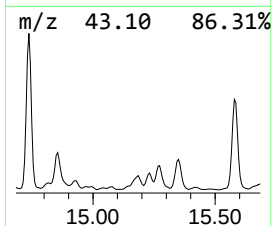
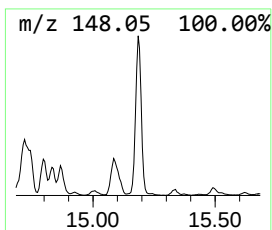
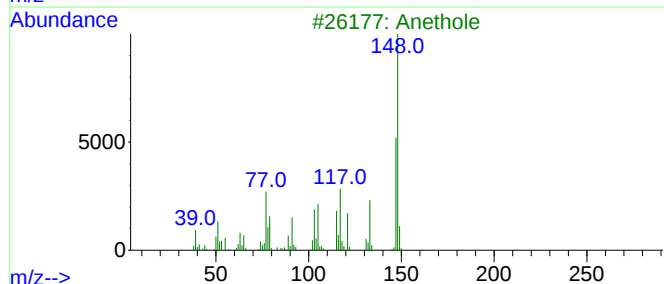
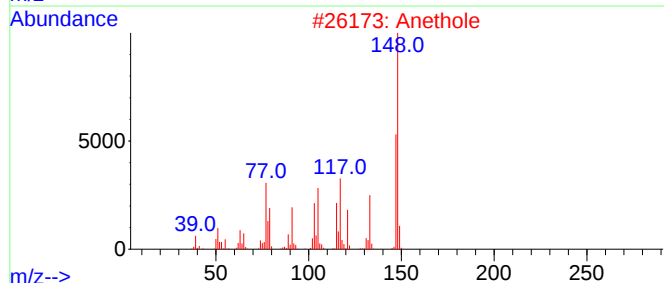
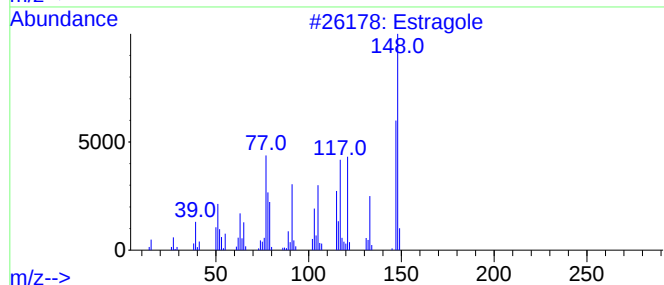
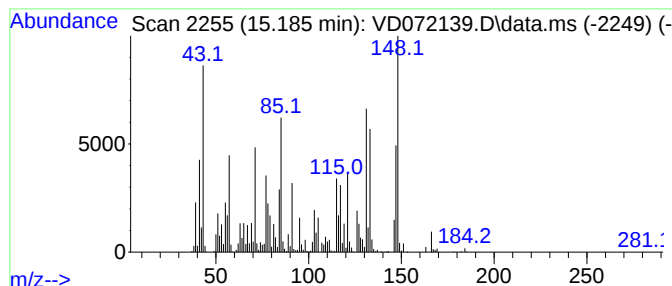
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Quant Title : SW846 8260

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

Peak Number 7 Estragole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.185	131.64 ug/l	7944630	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Estragole	148	C10H12O	000140-67-0	60
2			Anethole	148	C10H12O	004180-23-8	45
3			Anethole	148	C10H12O	000104-46-1	43
4			Benzene, 1-methoxy-4-(1-propenyl...	148	C10H12O	025679-28-1	43
5			Methanimidamide, N,N-dimethyl-N'...	148	C9H12N2	001783-25-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

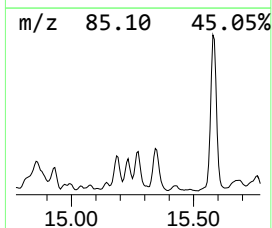
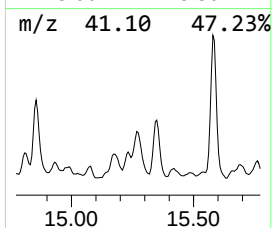
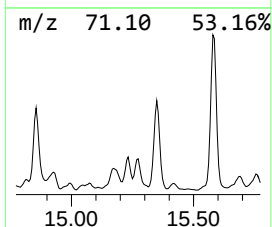
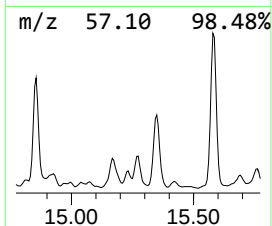
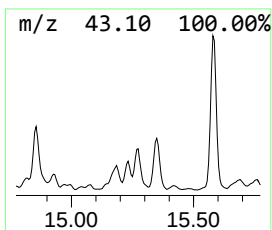
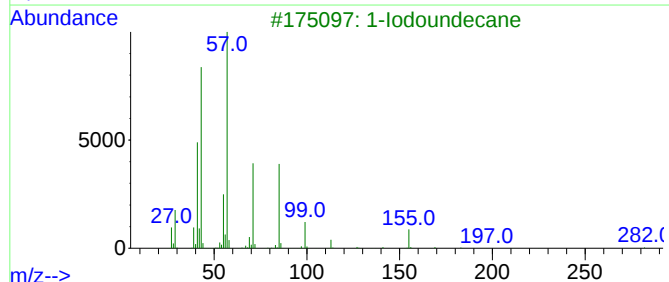
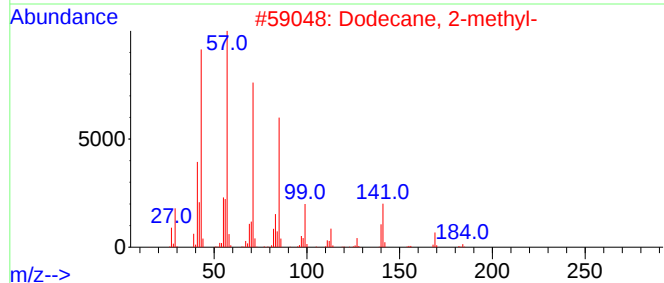
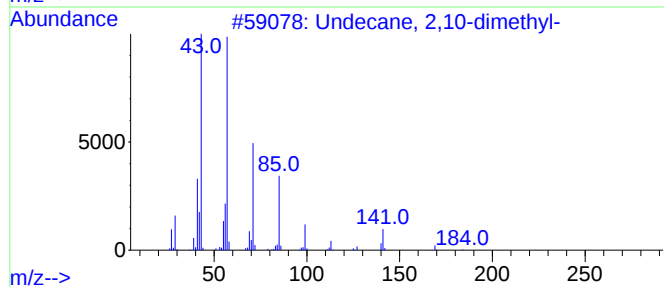
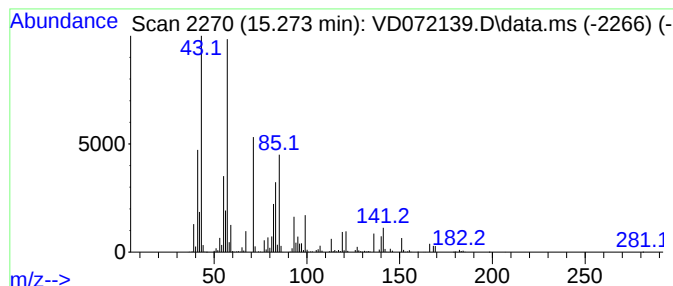
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,10-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.273	151.49 ug/l	9142140	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	60
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3			1-Iodoundecane	282	C11H23I	004282-44-4	49
4			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	47
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

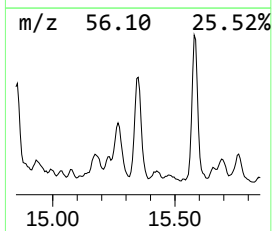
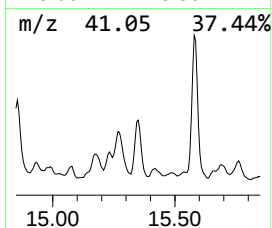
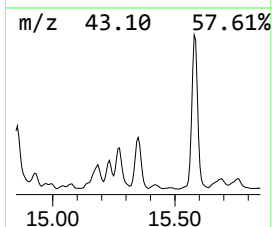
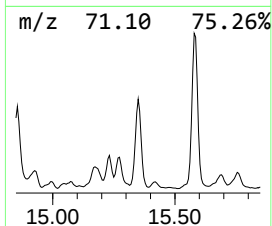
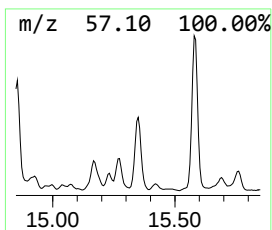
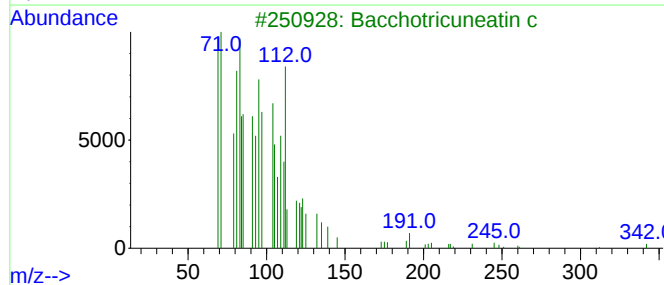
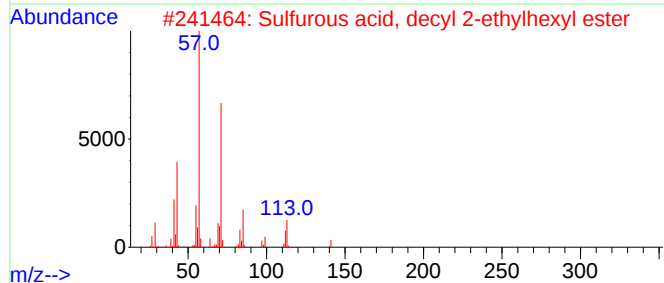
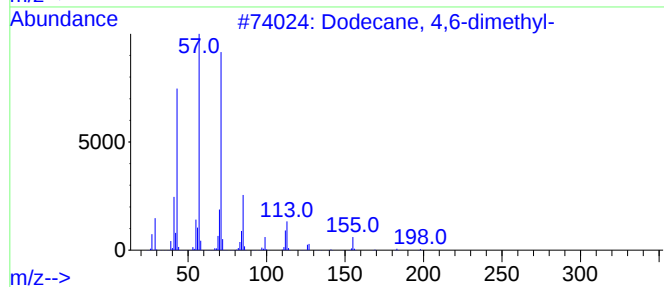
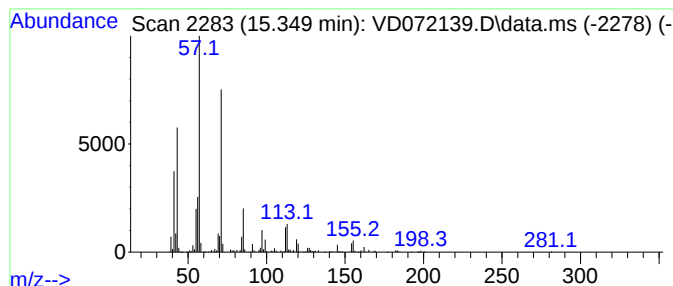
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	169.91 ug/l	10253900	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

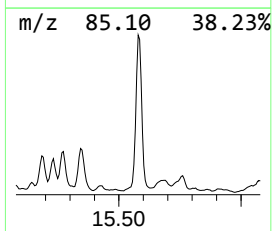
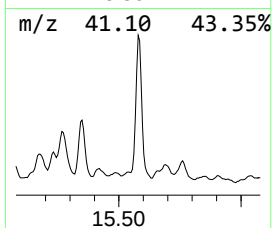
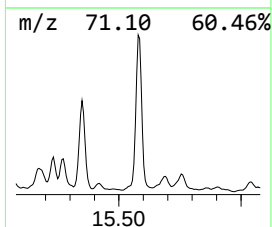
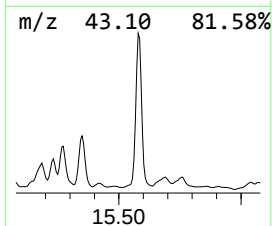
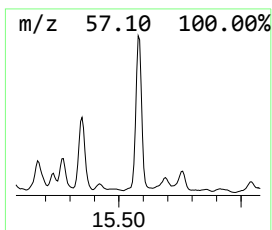
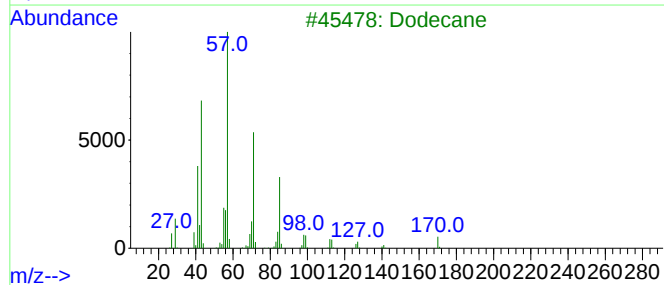
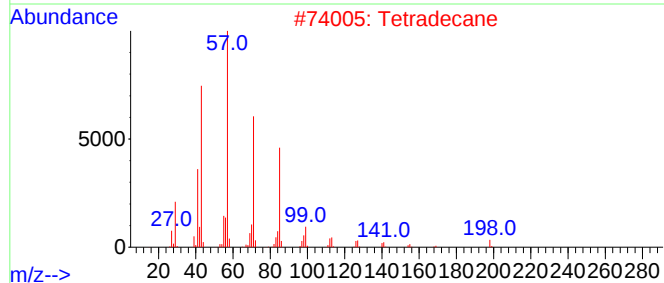
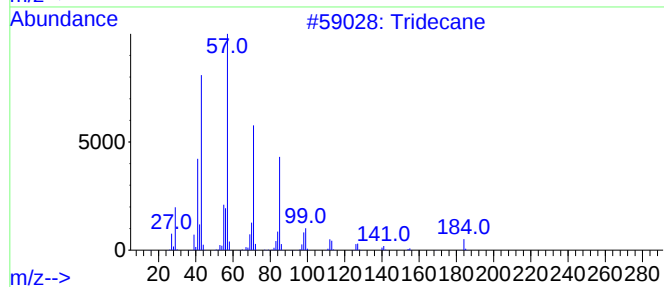
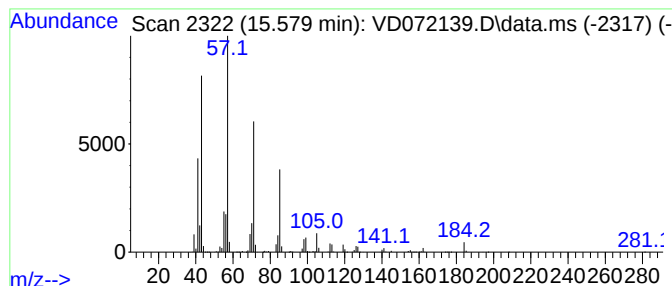
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.579	385.03 ug/l	23236200	1,4-Dichlorobenzene-d4	13.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	97
2		Tetradecane	198	C14H30	000629-59-4	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
Data File : VD072139.D
Acq On : 01 Mar 2022 15:01
Operator : VA/SY
Sample : N1713-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-235

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.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
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Undecane, 5-met...	14.367	121.3	ug/l	7317600	4	13.567	3017470	50.0
unknown14.396	14.396	129.7	ug/l	7827540	4	13.567	3017470	50.0
Dodecane	14.738	533.3	ug/l	32186800	4	13.567	3017470	50.0
1H-Indene, 2,3-...	14.814	134.4	ug/l	8112320	4	13.567	3017470	50.0
Undecane, 2,6-d...	14.855	233.3	ug/l	14078500	4	13.567	3017470	50.0
Estragole	15.185	131.6	ug/l	7944630	4	13.567	3017470	50.0
Undecane, 2,10-...	15.273	151.5	ug/l	9142140	4	13.567	3017470	50.0
Dodecane, 4,6-d...	15.349	169.9	ug/l	10253900	4	13.567	3017470	50.0
Tridecane	15.579	385.0	ug/l	23236200	4	13.567	3017470	50.0