

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071556.D
 Acq On : 30 Dec 2021 18:31
 Operator : VA/SY
 Sample : M5256-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-122921

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\82D122221S.M
 Title : SW846 8260

Signal : TIC: VD071556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.914	1009	1019	1024	rBV	279694	689005	3.03%	0.324%
2	7.979	1024	1030	1042	rVB2	521445	1171880	5.15%	0.551%
3	8.326	1073	1089	1099	rBV3	256697	740757	3.25%	0.348%
4	8.861	1172	1180	1190	rBV	782936	1557609	6.84%	0.732%
5	10.332	1422	1430	1447	rBV	1225972	2261906	9.94%	1.063%
6	11.420	1607	1615	1627	rVB5	334991	908404	3.99%	0.427%
7	11.520	1627	1632	1638	rBV	320251	507215	2.23%	0.238%
8	11.638	1645	1652	1663	rVB	1173577	2022850	8.89%	0.951%
9	11.849	1678	1688	1697	rBV2	2339821	4317856	18.97%	2.030%
10	11.920	1697	1700	1706	rVB3	204015	346705	1.52%	0.163%
11	12.144	1731	1738	1750	rBV4	526437	1761857	7.74%	0.828%
12	12.261	1753	1758	1762	rVB	589863	896689	3.94%	0.422%
13	12.343	1762	1772	1774	rBV6	371777	787415	3.46%	0.370%
14	12.379	1774	1778	1788	rVV5	564455	1515639	6.66%	0.712%
15	12.549	1789	1807	1809	rVV5	887873	2757183	12.11%	1.296%
16	12.573	1809	1811	1815	rVV	957691	1225431	5.38%	0.576%
17	12.626	1815	1820	1823	rVV	1110949	1929476	8.48%	0.907%
18	12.655	1823	1825	1830	rVV	828164	1093630	4.80%	0.514%
19	12.791	1843	1848	1855	rVB4	376248	890609	3.91%	0.419%
20	12.873	1855	1862	1865	rBV2	867915	1604362	7.05%	0.754%
21	12.938	1865	1873	1880	rVB	8359205	13130290	57.69%	6.172%
22	12.996	1880	1883	1888	rVB2	581713	896936	3.94%	0.422%
23	13.091	1889	1899	1901	rBV2	637368	1295990	5.69%	0.609%
24	13.173	1909	1913	1919	rVB2	1863507	2923155	12.84%	1.374%
25	13.255	1919	1927	1931	rBV2	1039403	2084024	9.16%	0.980%
26	13.302	1931	1935	1939	rVB	441047	586359	2.58%	0.276%
27	13.355	1940	1944	1947	rBV3	459447	731229	3.21%	0.344%
28	13.449	1953	1960	1964	rBV4	1661008	3362248	14.77%	1.581%
29	13.496	1964	1968	1971	rVV2	1382247	1906127	8.37%	0.896%
30	13.526	1971	1973	1976	rVV	647672	834820	3.67%	0.392%
31	13.561	1976	1979	1983	rVB	2315588	2905426	12.76%	1.366%
32	13.632	1988	1991	1997	rVB	1741724	2304442	10.12%	1.083%
33	13.702	1998	2003	2007	rBV6	362189	842468	3.70%	0.396%
34	13.755	2008	2012	2016	rVB2	896708	1146223	5.04%	0.539%
35	13.796	2016	2019	2024	rBV2	748583	1186369	5.21%	0.558%
36	13.879	2028	2033	2039	rBV	15619840	22761672	100.00%	10.700%

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37	13.926	2039	2041	2044	rVV3	351328	391044	1.72%	0.184%
38	14.043	2055	2061	2066	rBV4	1498569	2784576	12.23%	1.309%
39	14.102	2067	2071	2075	rVB2	1291743	1794892	7.89%	0.844%
40	14.143	2075	2078	2084	rVB3	1449143	2273526	9.99%	1.069%
41	14.208	2084	2089	2094	rBV3	1886914	3304780	14.52%	1.554%
42	14.273	2095	2100	2106	rBV5	1140879	2055189	9.03%	0.966%
43	14.396	2106	2121	2125	rBV6	4557105	13917005	61.14%	6.542%
44	14.438	2125	2128	2132	rVV	2201200	3228561	14.18%	1.518%
45	14.508	2136	2140	2144	rBV	2611783	3435159	15.09%	1.615%
46	14.555	2144	2148	2153	rVB5	1716563	2612457	11.48%	1.228%
47	14.608	2154	2157	2161	rBV3	736028	1129971	4.96%	0.531%
48	14.737	2169	2179	2185	rBV	14833331	22321763	98.07%	10.493%
49	14.808	2185	2191	2195	rBV3	3034200	6715811	29.50%	3.157%
50	14.855	2195	2199	2206	rVB4	4201465	8269862	36.33%	3.888%
51	14.973	2215	2219	2225	rVB3	1278469	2499348	10.98%	1.175%
52	15.073	2232	2236	2241	rVB5	1353881	2118328	9.31%	0.996%
53	15.185	2249	2255	2260	rBV7	1373215	3513781	15.44%	1.652%
54	15.267	2266	2269	2277	rVB7	2183163	4564245	20.05%	2.146%
55	15.343	2277	2282	2290	rBV	2933140	5367817	23.58%	2.523%
56	15.490	2303	2307	2311	rBV3	1079268	1941854	8.53%	0.913%
57	15.579	2317	2322	2331	rVB	7586464	12905705	56.70%	6.067%
58	15.684	2331	2340	2346	rBV6	1318865	3812153	16.75%	1.792%
59	15.755	2349	2352	2359	rVB4	1017296	1904979	8.37%	0.896%
60	15.890	2371	2375	2382	rVB2	1844411	3396765	14.92%	1.597%
61	16.202	2420	2428	2433	rBV5	1146341	2909662	12.78%	1.368%
62	16.326	2445	2449	2456	rVB3	450036	808121	3.55%	0.380%
63	16.408	2457	2463	2470	rVB2	1271942	2499782	10.98%	1.175%
64	16.537	2480	2485	2491	rVB	1318181	2364446	10.39%	1.111%

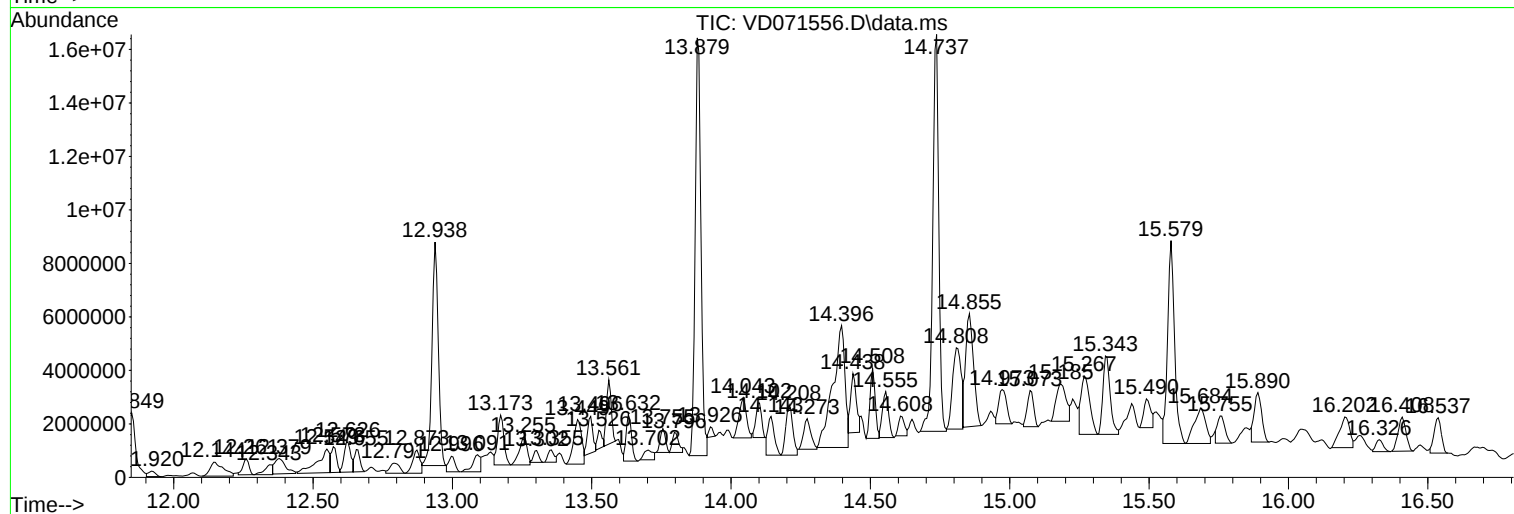
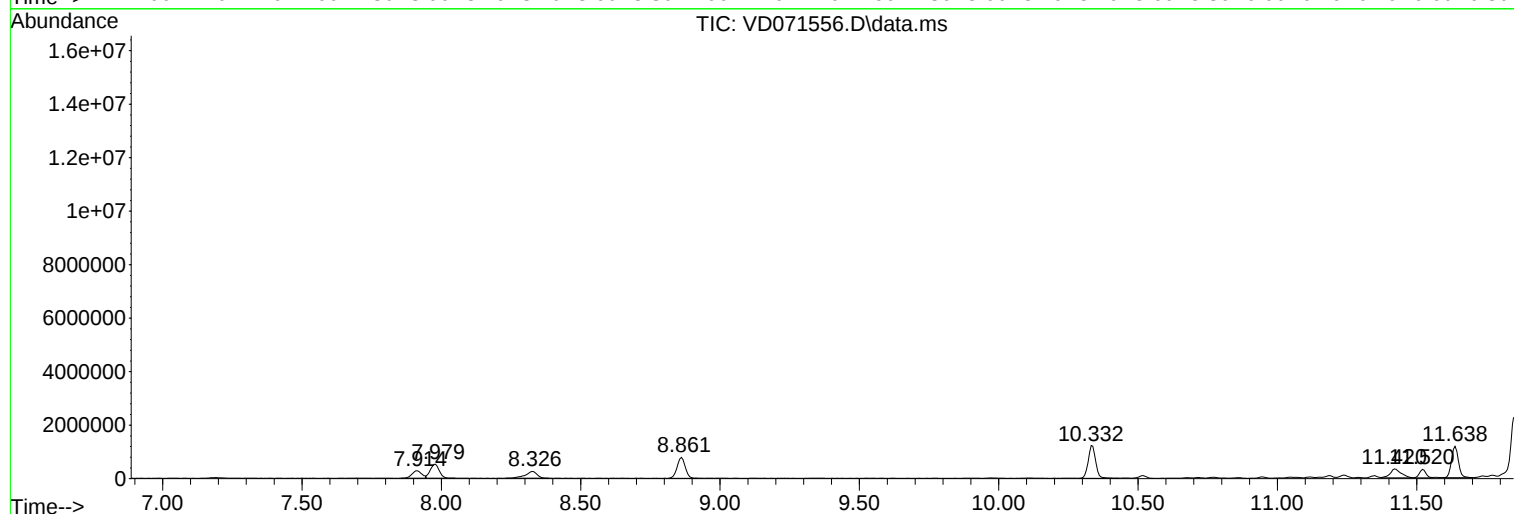
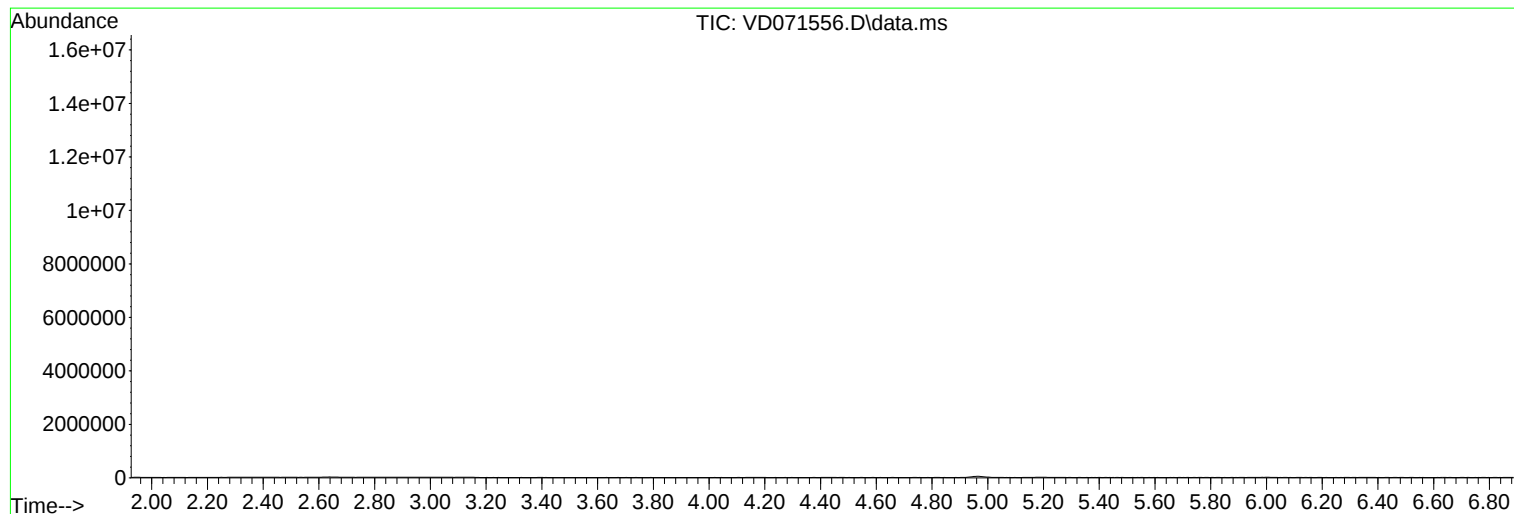
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Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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



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Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

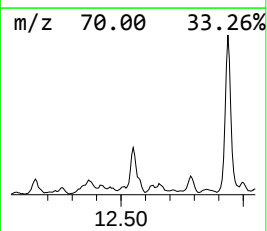
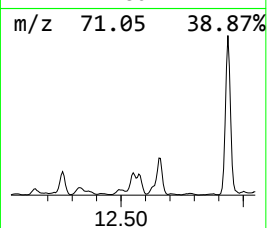
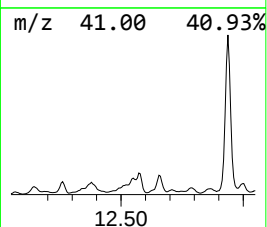
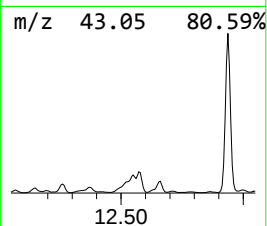
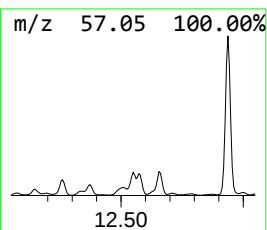
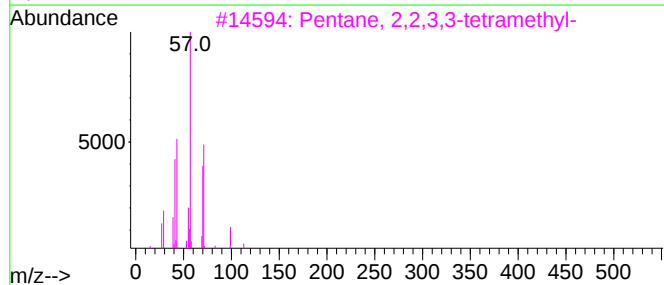
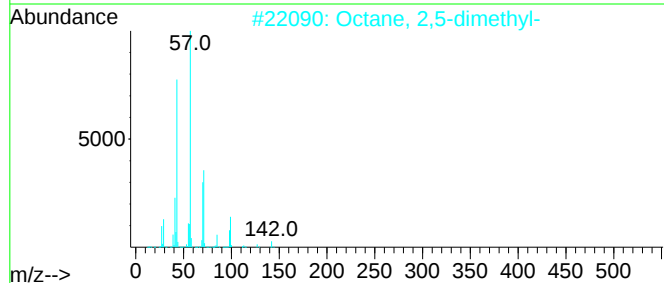
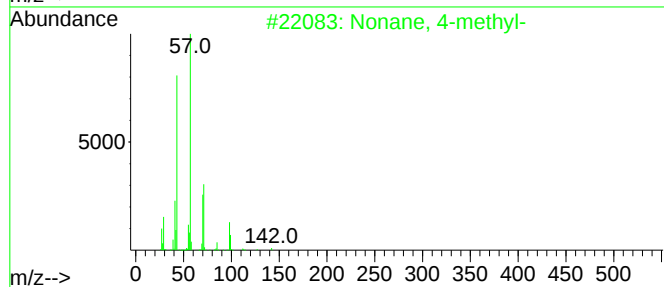
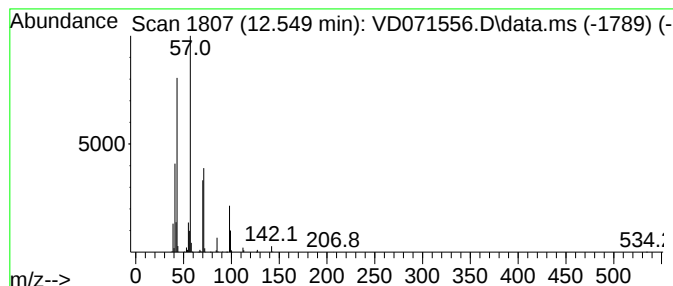
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.549	68.15 ug/l	2757180	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	83
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



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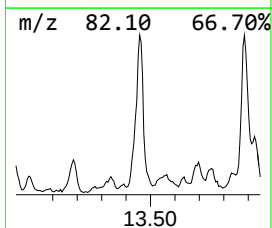
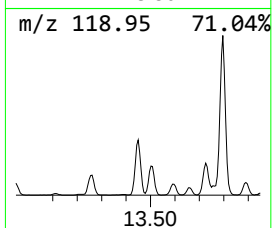
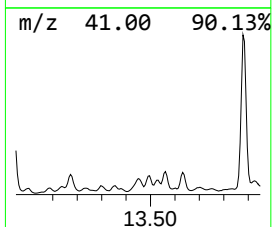
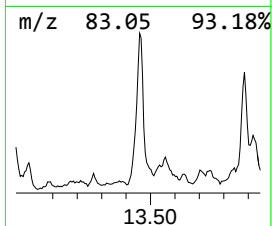
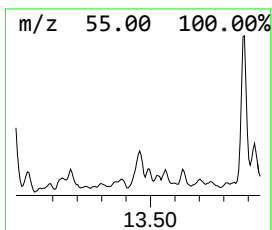
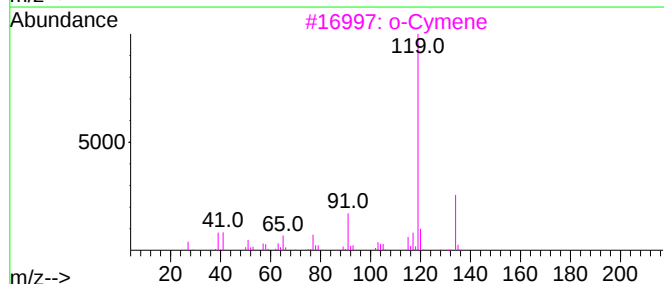
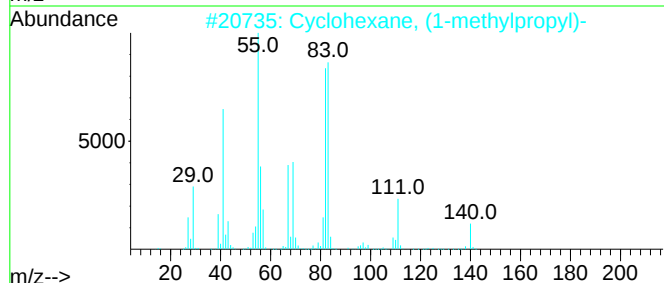
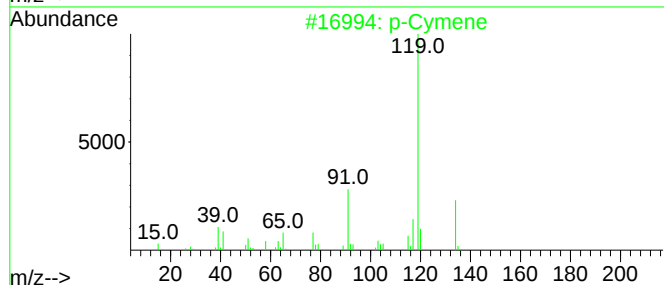
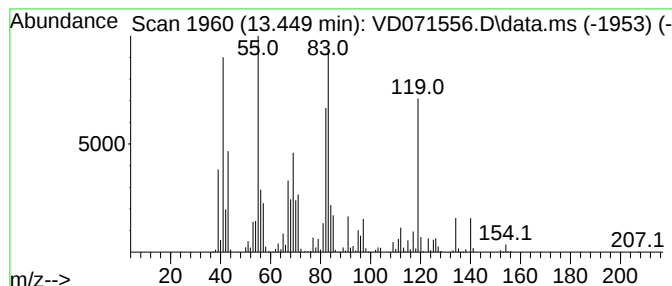
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 2 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	57.86 ug/l	3362250	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	59
2			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	55
3			o-Cymene	134	C10H14	000527-84-4	53
4			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	49
5			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	43



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Instrument :
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ClientSampleId :
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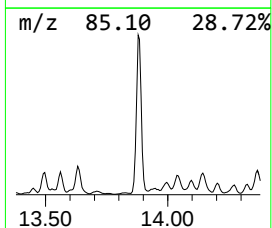
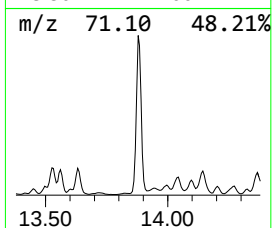
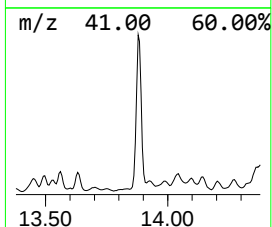
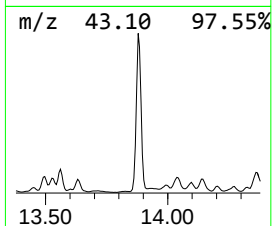
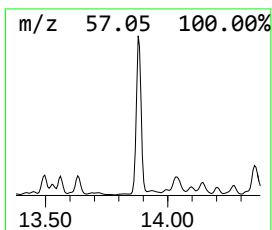
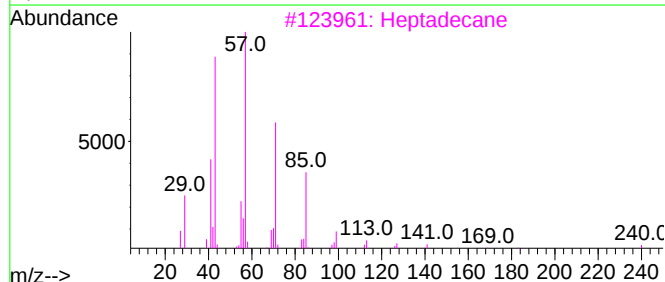
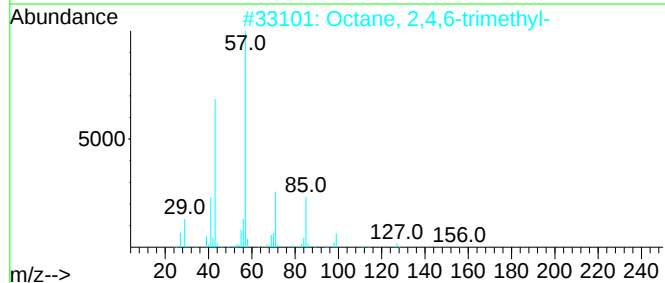
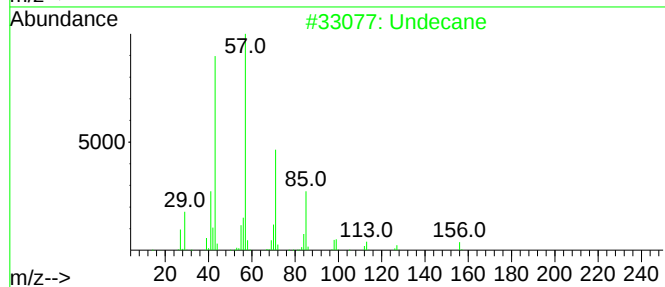
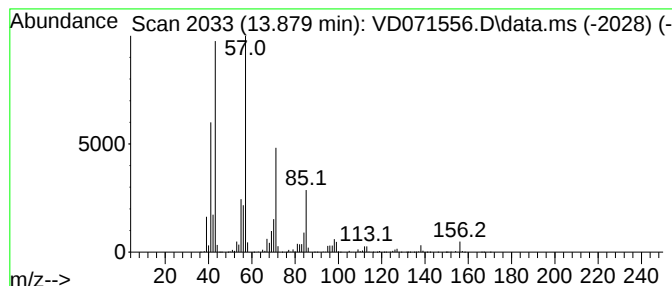
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Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	391.71 ug/l	22761700	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	86
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
3			Heptadecane	240	C17H36	000629-78-7	72
4			Tetradecane	198	C14H30	000629-59-4	64
5			Decane	142	C10H22	000124-18-5	64



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Instrument :
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ClientSampleId :
BU-03-122921

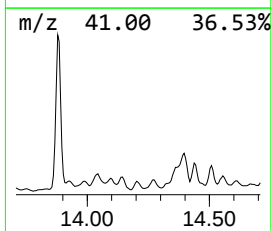
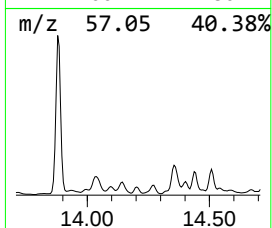
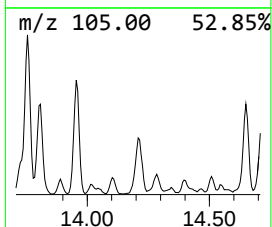
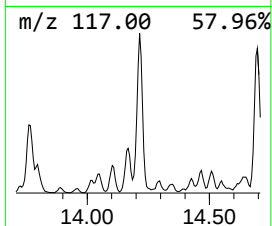
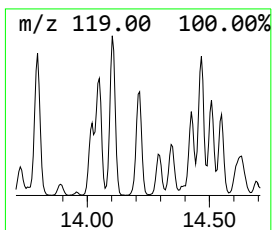
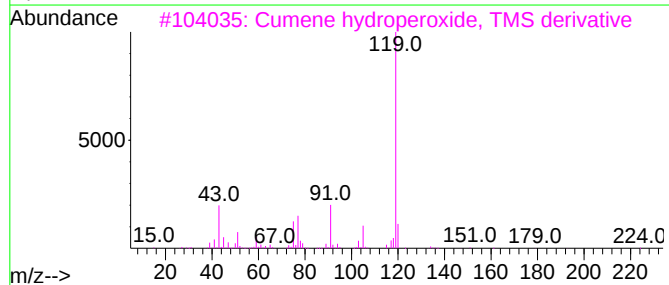
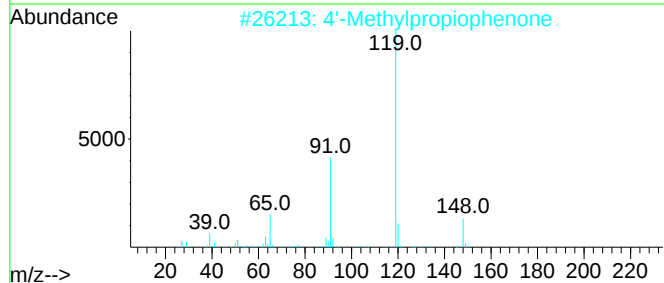
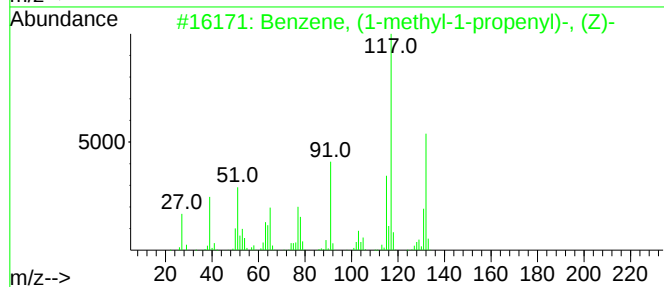
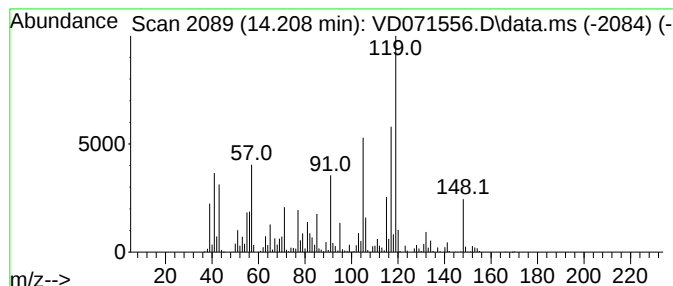
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.208 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	56.87 ug/l	3304780	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	49
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	46
3			Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	43
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

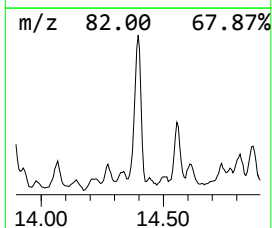
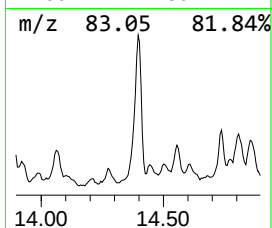
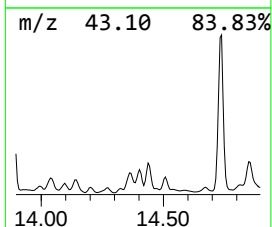
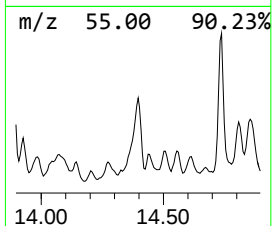
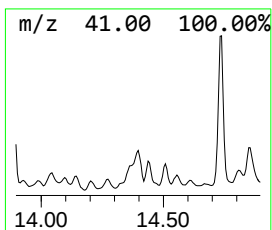
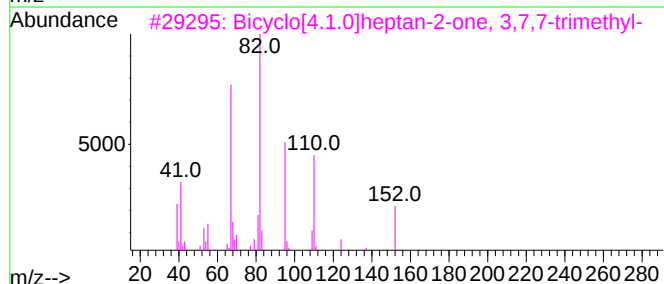
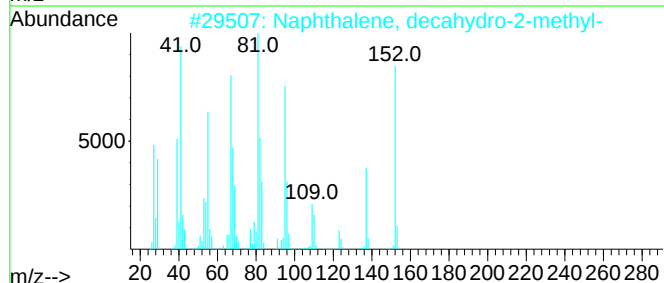
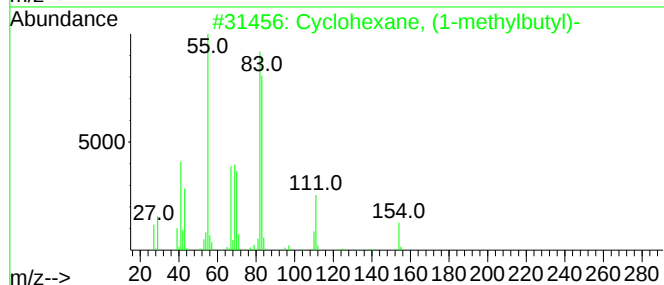
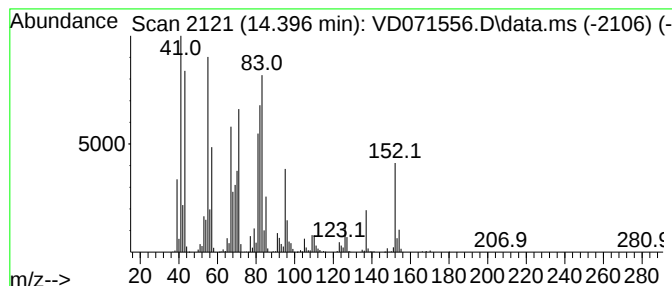
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.396 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	239.50 ug/l	13917000	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
3			Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	43
4			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	38
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

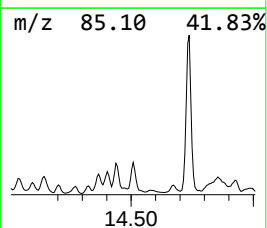
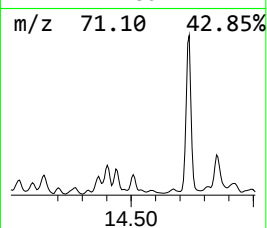
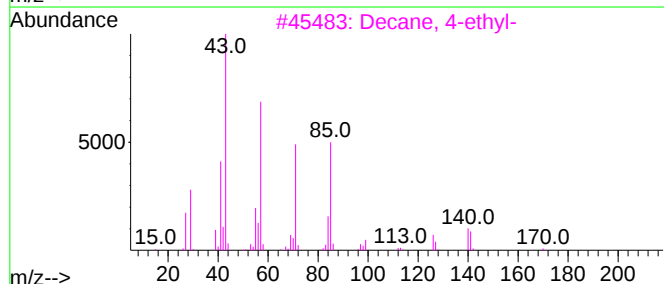
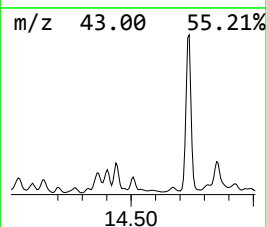
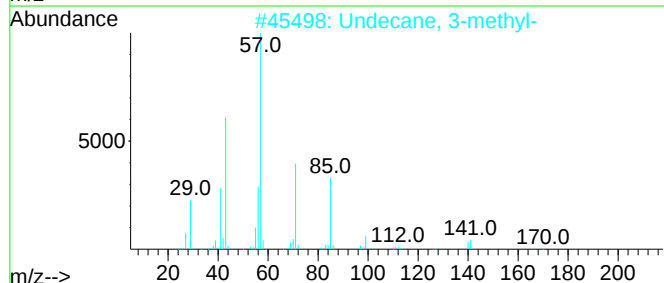
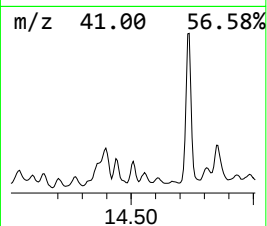
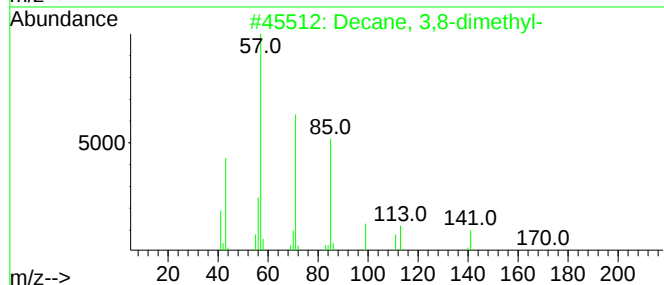
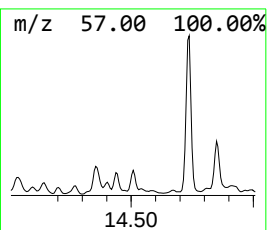
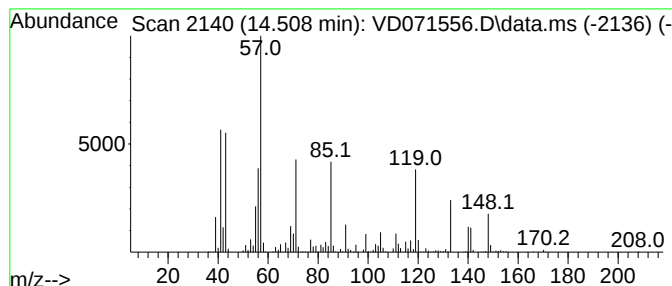
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 3,8-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.508	59.12 ug/l	3435160	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3			Decane, 4-ethyl-	170	C12H26	001636-44-8	43
4			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
5			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

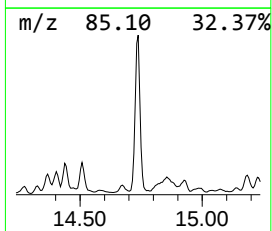
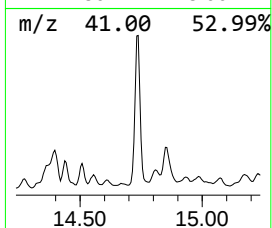
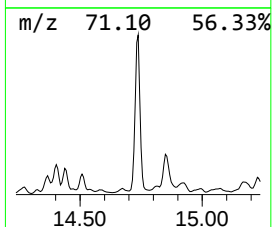
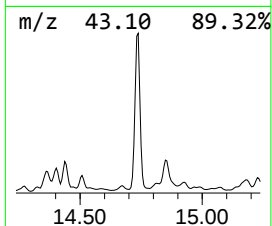
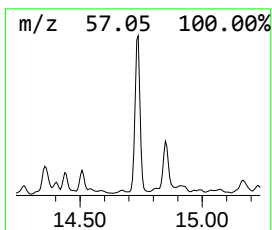
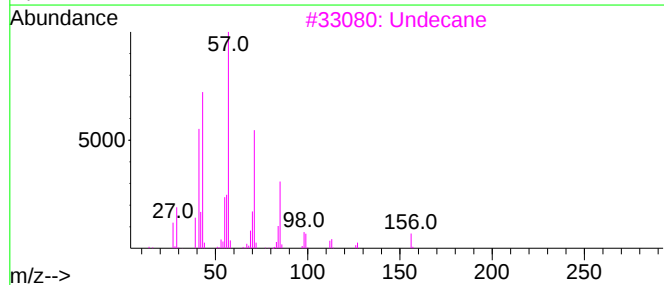
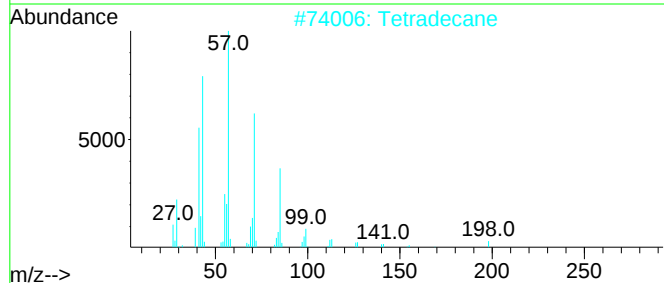
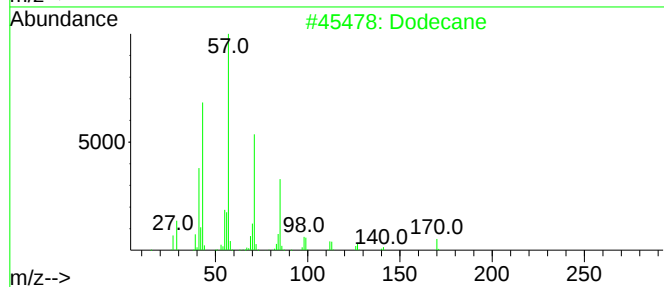
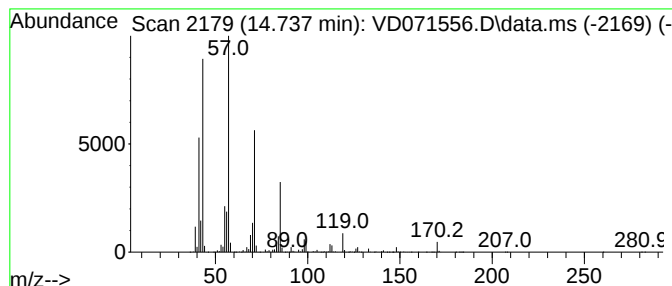
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	384.14 ug/l	22321800	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Tetradecane	198	C14H30	000629-59-4	86
3			Undecane	156	C11H24	001120-21-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

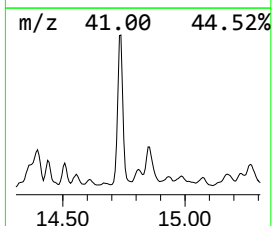
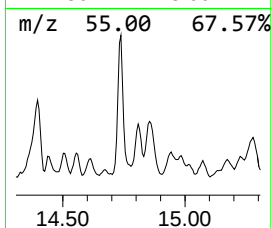
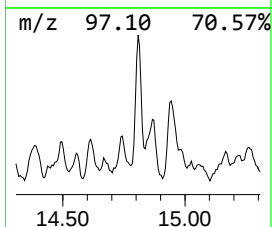
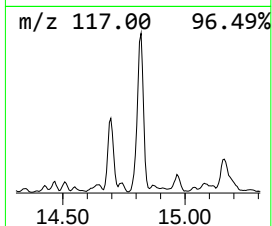
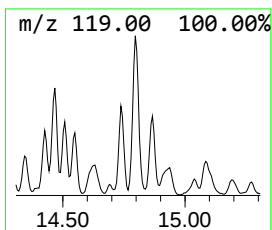
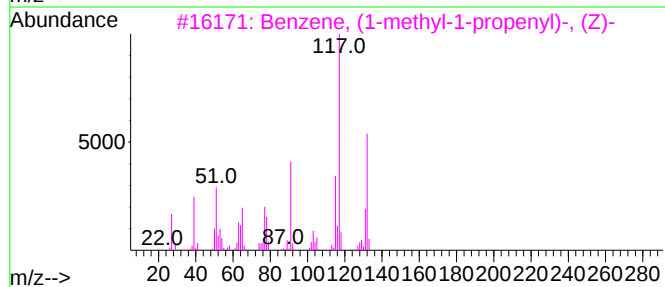
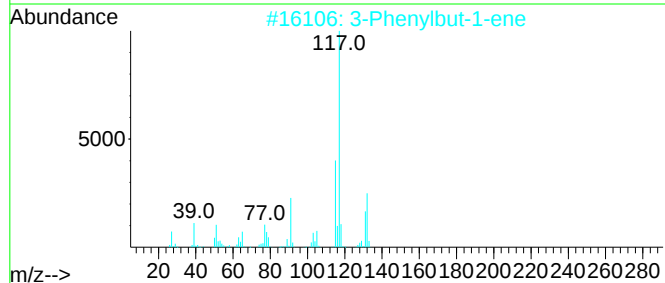
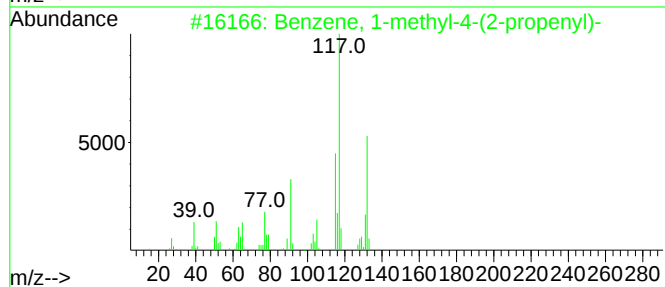
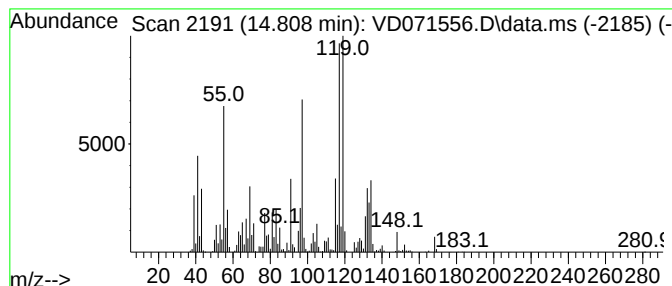
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-methyl-4-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.808	115.57 ug/l	6715810	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	74
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	56
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

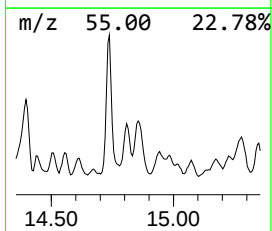
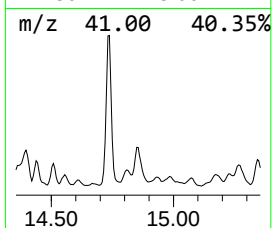
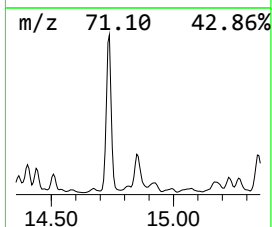
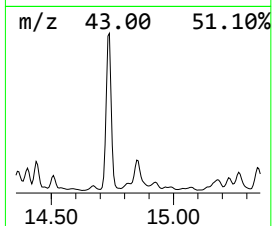
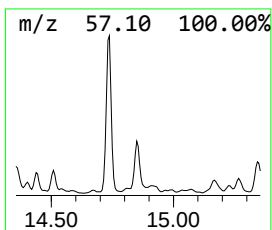
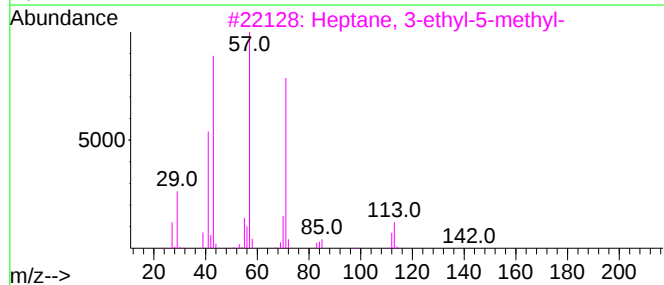
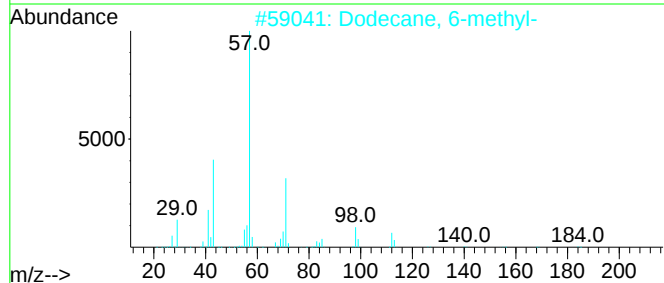
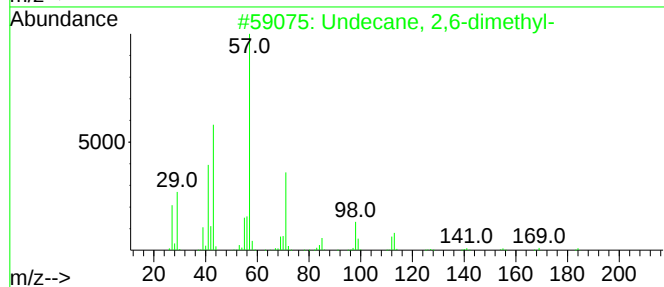
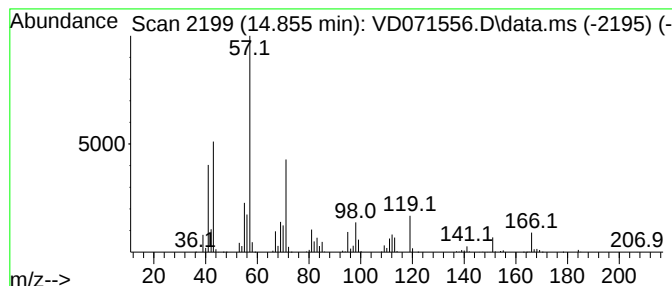
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Quant Title : SW846 8260

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	142.32 ug/l	8269860	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
3			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	50
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

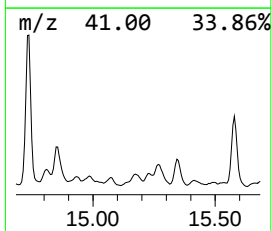
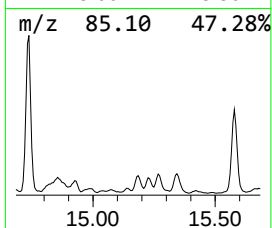
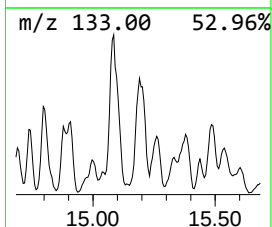
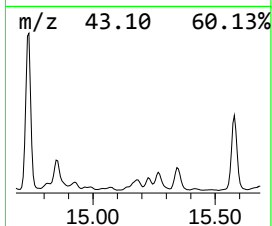
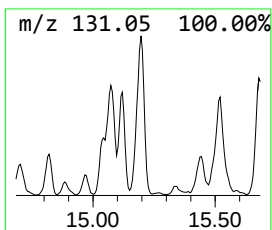
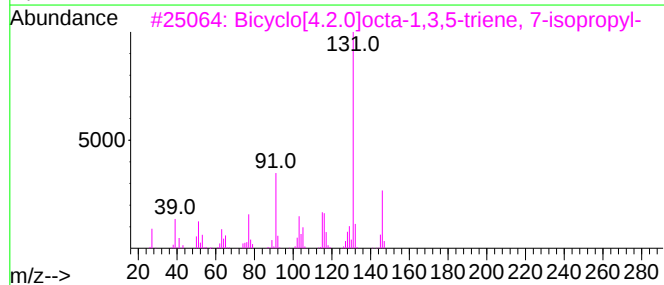
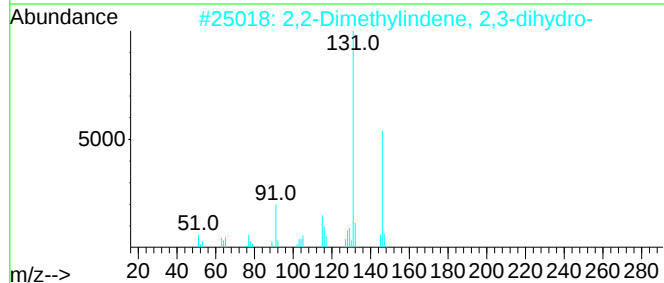
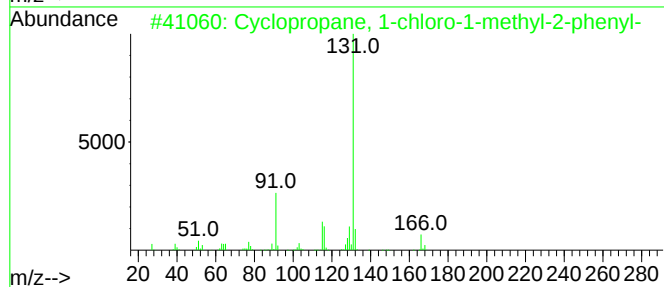
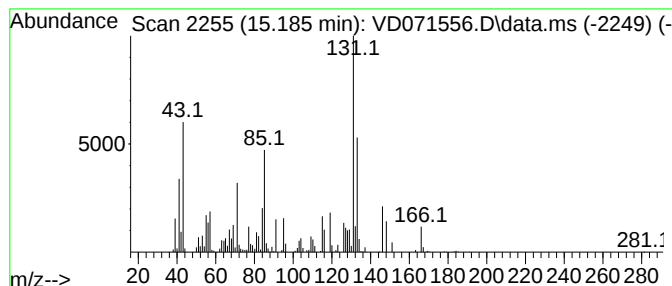
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Quant Title : SW846 8260

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

Peak Number 10 unknown15.185 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.185	60.47 ug/l	3513780	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	46
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	45
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	45
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	45
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-03-122921

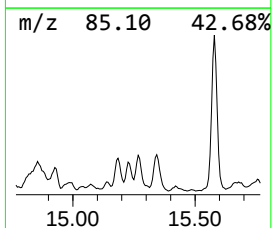
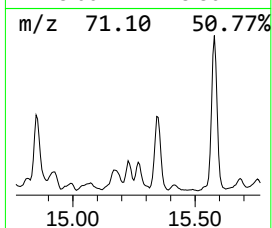
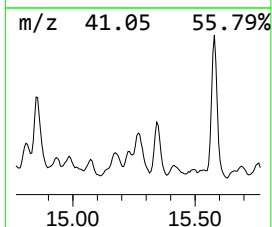
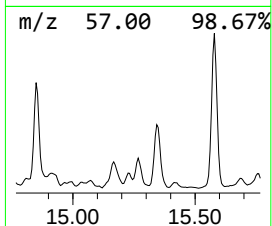
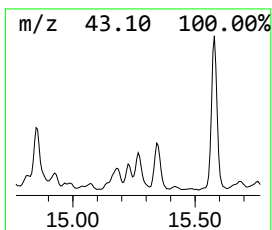
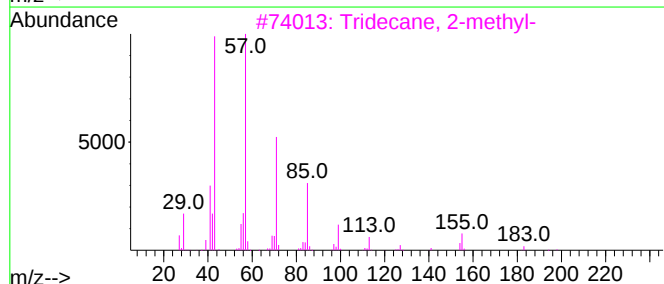
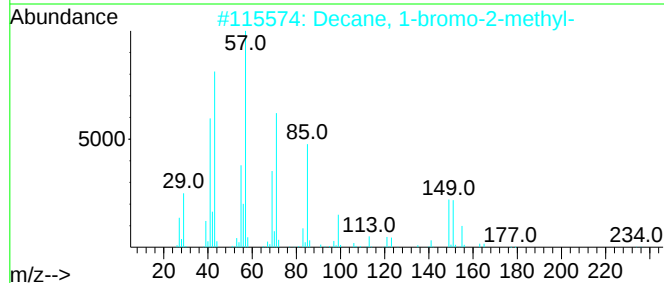
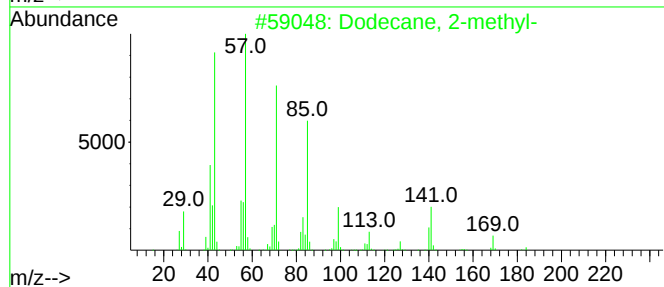
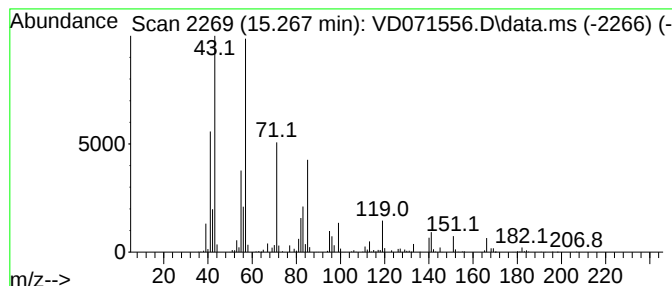
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Quant Title : SW846 8260

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

Peak Number 11 Dodecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.267	78.55 ug/l	4564250	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2			Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	59
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
4			Dodecane	170	C12H26	000112-40-3	53
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

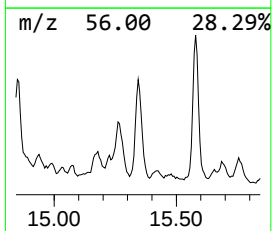
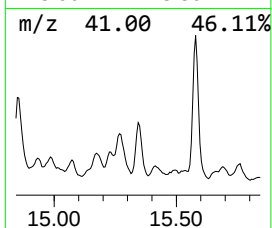
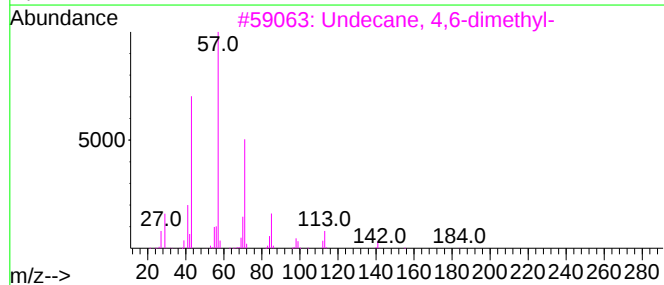
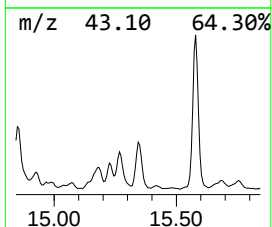
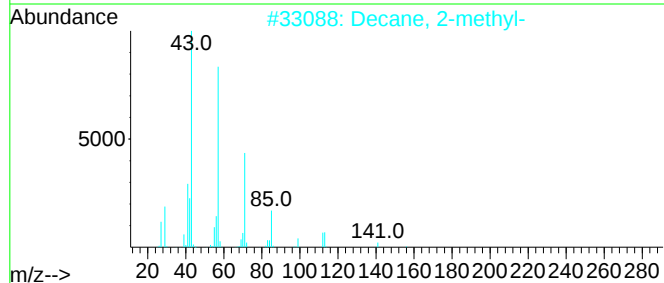
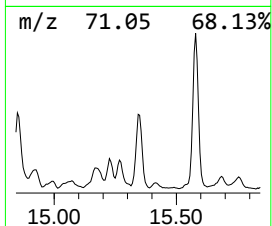
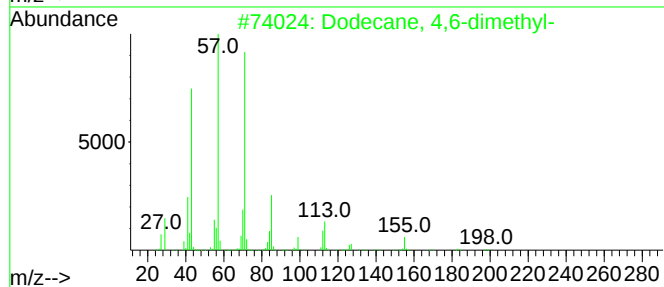
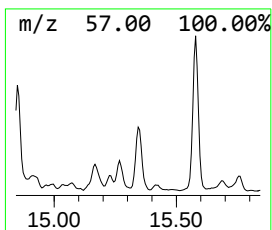
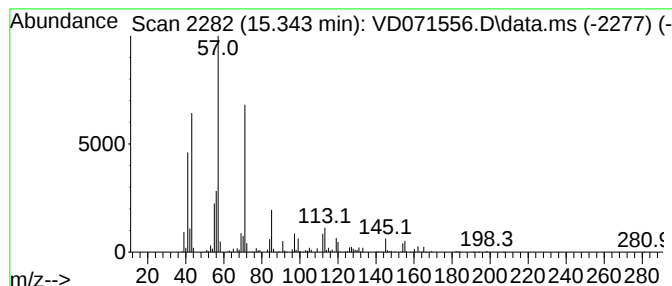
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Quant Title : SW846 8260

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

Peak Number 12 Dodecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.343	92.38 ug/l	5367820	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
2			Decane, 2-methyl-	156	C11H24	006975-98-0	68
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

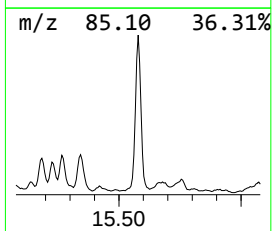
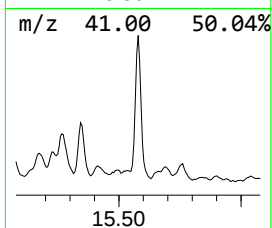
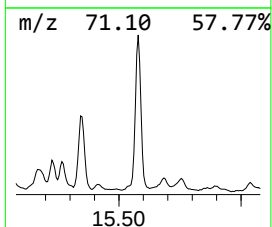
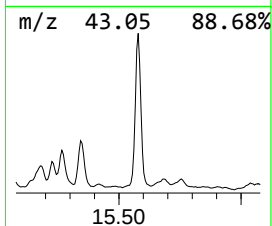
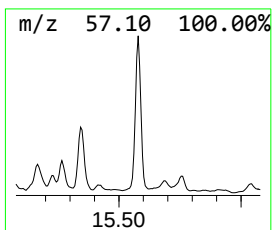
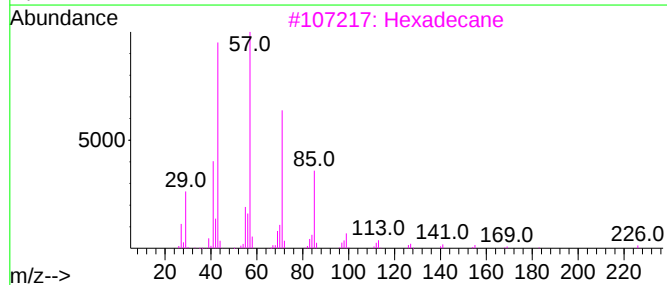
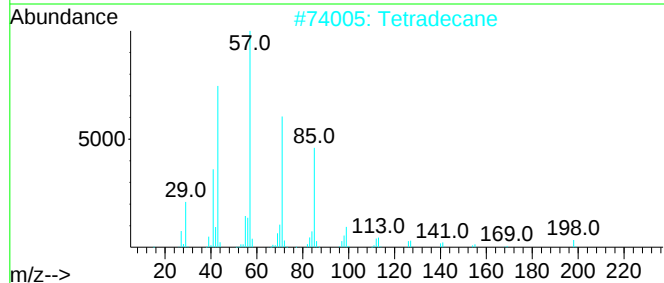
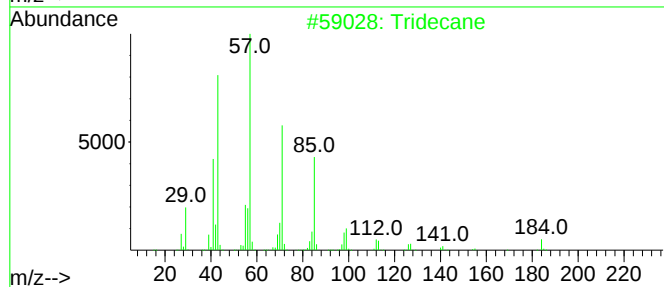
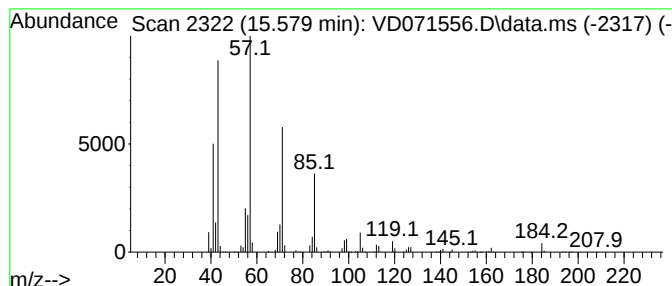
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Quant Title : SW846 8260

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

Peak Number 13 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.579	222.10 ug/l	12905700	1,4-Dichlorobenzene-d4	13.561

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			Hexadecane	226	C16H34	000544-76-3	83
4			Undecane	156	C11H24	001120-21-4	72
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

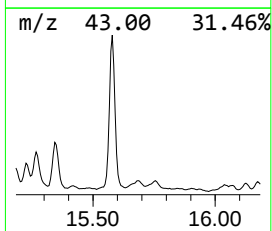
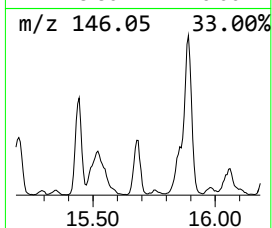
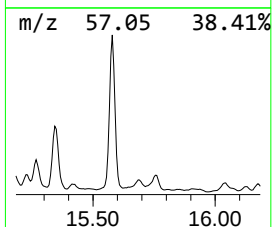
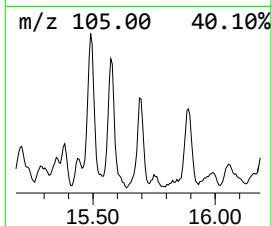
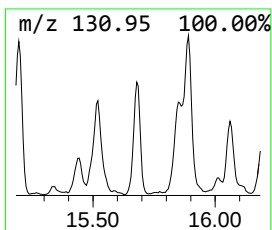
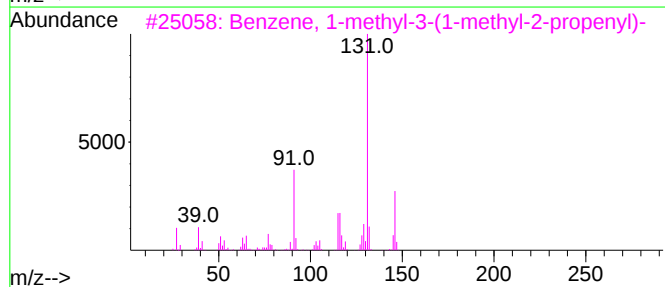
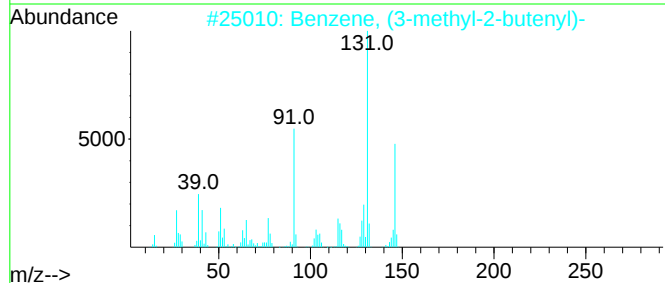
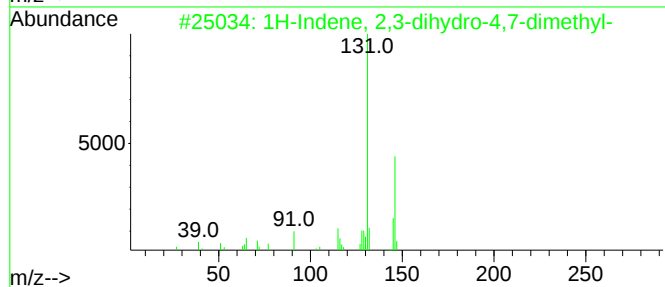
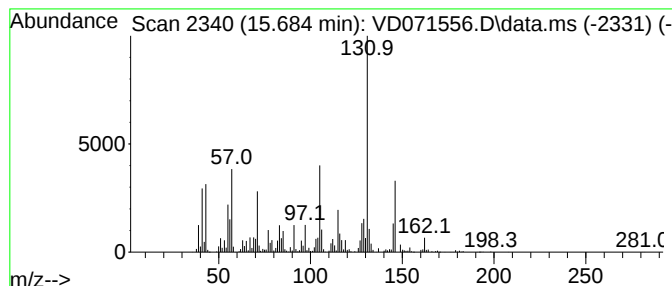
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.685	65.60 ug/l	3812150	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
3			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

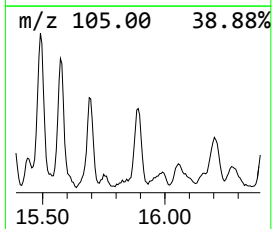
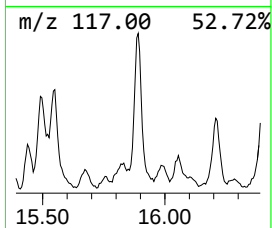
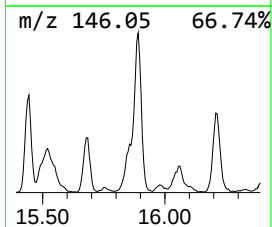
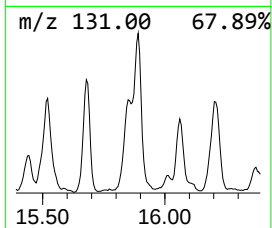
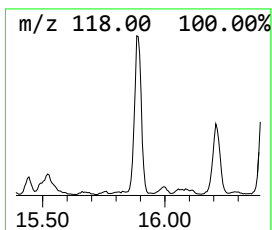
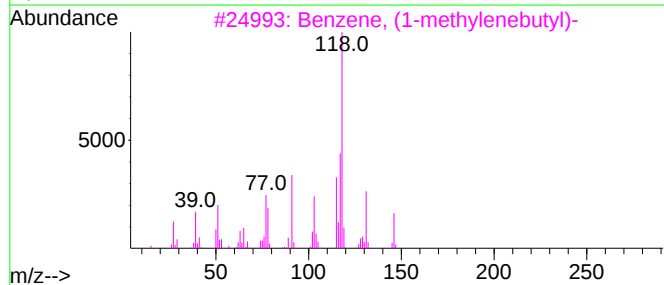
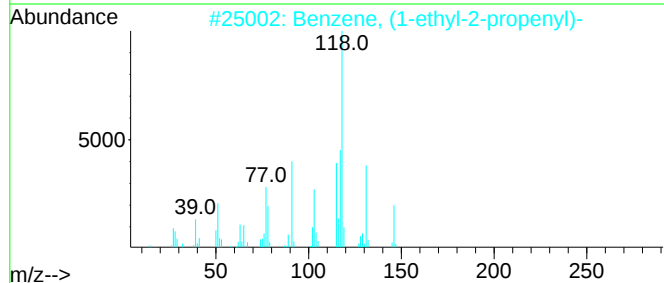
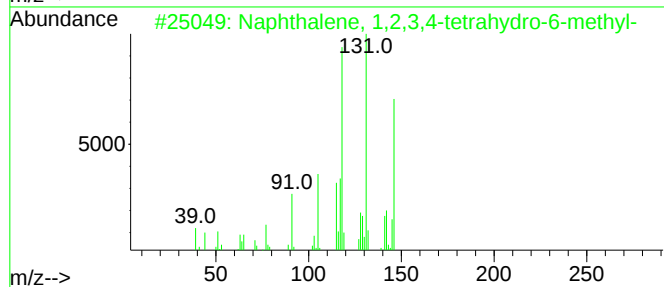
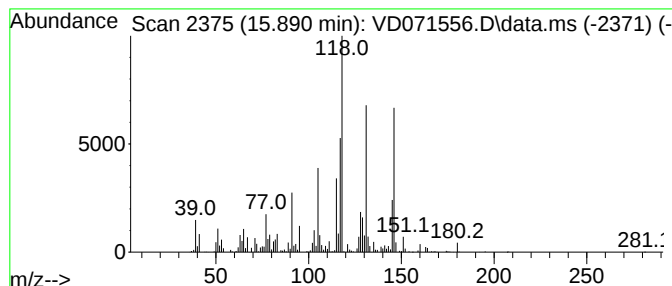
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	58.46 ug/l	3396770	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
2			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	80
3			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	80
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.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
Nonane, 4-methyl-	12.549	68.2	ug/l	2757180	3	11.638	2022850	50.0
p-Cymene	13.449	57.9	ug/l	3362250	4	13.561	2905430	50.0
Undecane	13.879	391.7	ug/l	22761700	4	13.561	2905430	50.0
unknown14.208	14.208	56.9	ug/l	3304780	4	13.561	2905430	50.0
unknown14.396	14.396	239.5	ug/l	13917000	4	13.561	2905430	50.0
Decane, 3,8-dim...	14.508	59.1	ug/l	3435160	4	13.561	2905430	50.0
Dodecane	14.738	384.1	ug/l	22321800	4	13.561	2905430	50.0
Benzene, 1-meth...	14.808	115.6	ug/l	6715810	4	13.561	2905430	50.0
Undecane, 2,6-d...	14.855	142.3	ug/l	8269860	4	13.561	2905430	50.0
unknown15.185	15.185	60.5	ug/l	3513780	4	13.561	2905430	50.0
Dodecane, 2-met...	15.267	78.5	ug/l	4564250	4	13.561	2905430	50.0
Dodecane, 4,6-d...	15.343	92.4	ug/l	5367820	4	13.561	2905430	50.0
Tridecane	15.579	222.1	ug/l	12905700	4	13.561	2905430	50.0
1H-Indene, 2,3-...	15.685	65.6	ug/l	3812150	4	13.561	2905430	50.0
Naphthalene, 1,...	15.890	58.5	ug/l	3396770	4	13.561	2905430	50.0