

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006481.D
 Acq On : 26 Oct 2021 15:13
 Operator : SY/MD
 Sample : M4329-01
 Misc : 3.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC124019

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\82Y102221S.M
 Title : SW846 8260

Signal : TIC: VY006481.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.722	959	968	974	rBV	76979	182707	3.35%	0.316%
2	7.795	974	980	990	rVB	135925	300783	5.51%	0.521%
3	8.149	1029	1038	1052	rBV	91206	198159	3.63%	0.343%
4	8.697	1119	1128	1136	rBV	213150	422580	7.74%	0.732%
5	10.185	1365	1372	1383	rVB	377827	661821	12.12%	1.146%
6	10.807	1468	1474	1480	rBV	31554	59556	1.09%	0.103%
7	11.093	1516	1521	1527	rVB	86381	146518	2.68%	0.254%
8	11.209	1534	1540	1544	rBV4	54942	110213	2.02%	0.191%
9	11.288	1544	1553	1563	rVB5	69994	243525	4.46%	0.422%
10	11.380	1563	1568	1573	rBV	72768	118507	2.17%	0.205%
11	11.490	1581	1586	1592	rBV	316804	512454	9.39%	0.887%
12	11.630	1604	1609	1612	rBV3	39858	58093	1.06%	0.101%
13	11.679	1612	1617	1621	rVV3	56035	108040	1.98%	0.187%
14	11.740	1621	1627	1631	rVV	119784	216513	3.97%	0.375%
15	11.782	1631	1634	1639	rVB	78562	123233	2.26%	0.213%
16	11.843	1639	1644	1647	rBV2	29823	54828	1.00%	0.095%
17	11.935	1654	1659	1663	rVB2	57143	93932	1.72%	0.163%
18	12.008	1663	1671	1677	rBV3	230609	523503	9.59%	0.906%
19	12.124	1686	1690	1694	rVB	323480	438600	8.04%	0.759%
20	12.203	1698	1703	1705	rVV3	175557	272168	4.99%	0.471%
21	12.239	1705	1709	1714	rVB2	290702	530669	9.72%	0.919%
22	12.380	1725	1732	1735	rBV6	157270	374502	6.86%	0.648%
23	12.416	1735	1738	1744	rVB	305178	467716	8.57%	0.810%
24	12.483	1744	1749	1753	rBV2	289965	472439	8.66%	0.818%
25	12.526	1753	1756	1760	rVB2	93093	101226	1.85%	0.175%
26	12.575	1760	1764	1768	rBV4	60831	98206	1.80%	0.170%
27	12.648	1771	1776	1782	rVB2	316313	591437	10.84%	1.024%
28	12.727	1782	1789	1794	rBV4	204169	536656	9.83%	0.929%
29	12.812	1794	1803	1808	rBV4	472005	1293656	23.70%	2.240%
30	12.861	1808	1811	1816	rVB2	253752	389389	7.13%	0.674%
31	12.916	1816	1820	1821	rBV2	67918	78518	1.44%	0.136%
32	12.953	1822	1826	1830	rBV2	258522	356942	6.54%	0.618%
33	13.008	1830	1835	1837	rBV3	311557	536492	9.83%	0.929%
34	13.044	1837	1841	1847	rVB	1299038	1834980	33.62%	3.177%
35	13.099	1847	1850	1854	rVB3	127249	180505	3.31%	0.313%
36	13.172	1858	1862	1867	rBV	298588	460414	8.43%	0.797%

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37	13.227	1867	1871	1874	rBV2	271619	440760	8.07%	0.763%
38	13.325	1878	1887	1890	rBV3	704878	1554004	28.47%	2.691%
39	13.367	1890	1894	1897	rVB3	492604	651101	11.93%	1.127%
40	13.404	1897	1900	1902	rBV2	200217	274400	5.03%	0.475%
41	13.501	1914	1916	1919	rVB3	130310	128242	2.35%	0.222%
42	13.568	1923	1927	1931	rVB4	239661	338625	6.20%	0.586%
43	13.611	1931	1934	1938	rVB4	144877	184111	3.37%	0.319%
44	13.684	1942	1946	1947	rBV3	138206	185632	3.40%	0.321%
45	13.751	1951	1957	1961	rVV2	1124549	2159289	39.56%	3.739%
46	13.794	1961	1964	1969	rVV4	826416	1488737	27.27%	2.578%
47	13.861	1971	1975	1980	rVV5	679933	1542994	28.27%	2.672%
48	13.916	1980	1984	1990	rVV3	953672	2263795	41.47%	3.920%
49	13.971	1990	1993	1997	rVV	638875	1026763	18.81%	1.778%
50	14.020	1997	2001	2006	rVB	927125	1365898	25.02%	2.365%
51	14.081	2006	2011	2015	rBV4	672846	1019623	18.68%	1.766%
52	14.148	2016	2022	2027	rBV5	806623	1691562	30.99%	2.929%
53	14.196	2027	2030	2033	rVV4	374623	505758	9.27%	0.876%
54	14.263	2033	2041	2047	rVB7	1855190	4566291	83.66%	7.907%
55	14.379	2057	2060	2063	rBV4	422199	518244	9.49%	0.897%
56	14.422	2063	2067	2071	rBV3	1310604	1859564	34.07%	3.220%
57	14.550	2085	2088	2092	rVB	378072	446340	8.18%	0.773%
58	14.623	2096	2100	2103	rBV4	614883	1068988	19.58%	1.851%
59	14.684	2106	2110	2114	rVV3	959601	1573188	28.82%	2.724%
60	14.733	2114	2118	2125	rVV	3394294	5458423	100.00%	9.452%
61	14.849	2134	2137	2145	rVB3	465677	1014447	18.58%	1.757%
62	14.946	2150	2153	2157	rVB3	759882	966572	17.71%	1.674%
63	15.056	2166	2171	2178	rBV7	490641	1627336	29.81%	2.818%
64	15.129	2179	2183	2184	rBV2	464174	650943	11.93%	1.127%
65	15.215	2193	2197	2205	rBV2	2037987	3354209	61.45%	5.808%
66	15.446	2231	2235	2242	rVB7	422250	952762	17.45%	1.650%
67	15.507	2242	2245	2249	rBV4	321458	501052	9.18%	0.868%
68	15.611	2258	2262	2267	rVB4	800890	1360558	24.93%	2.356%
69	16.233	2360	2364	2370	rVB4	363853	706771	12.95%	1.224%
70	16.294	2371	2374	2380	rVB2	275499	483467	8.86%	0.837%
71	16.483	2400	2405	2414	rBV7	187903	562346	10.30%	0.974%
72	16.763	2448	2451	2455	rVB4	69339	107844	1.98%	0.187%

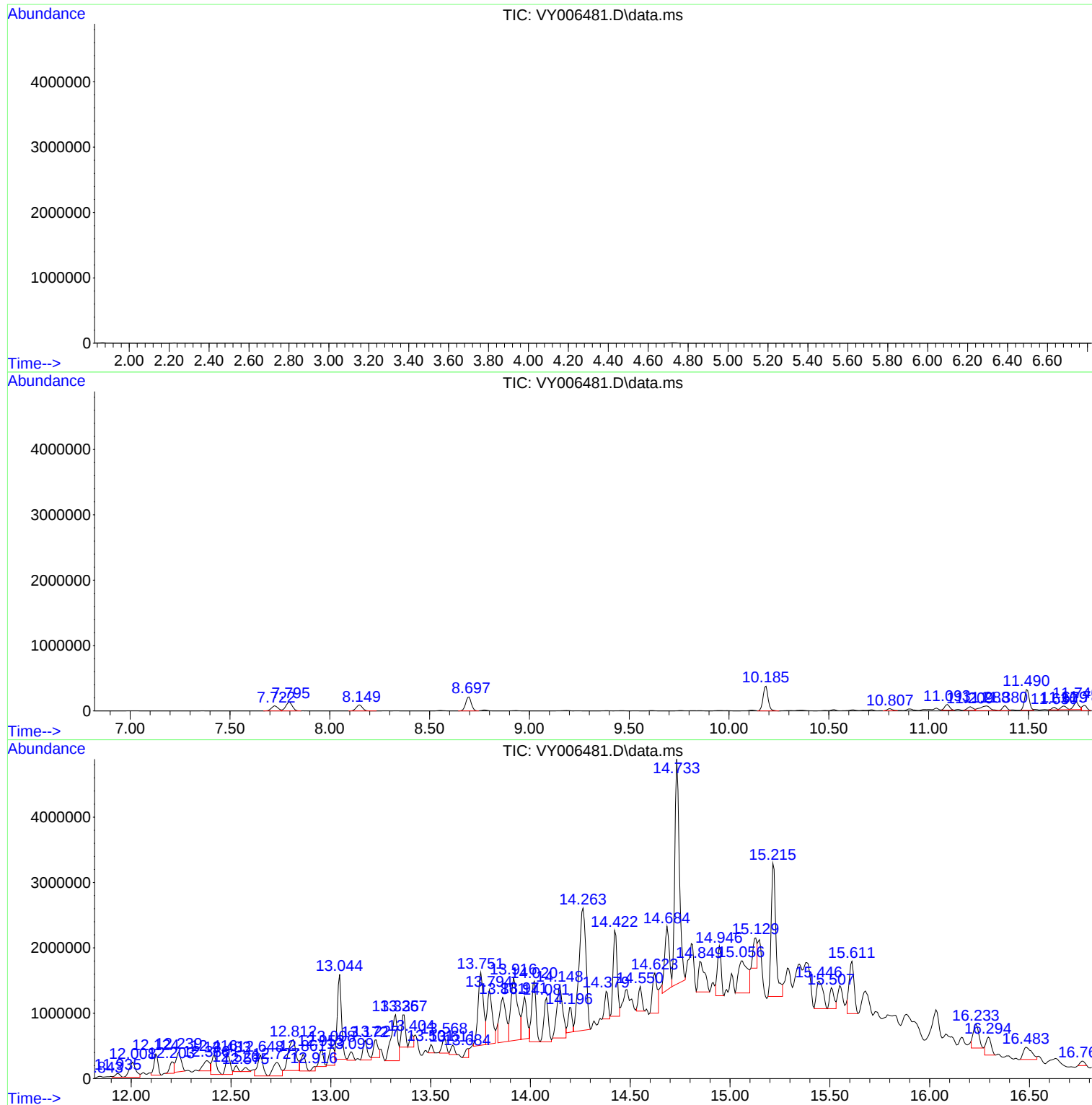
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Instrument :
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ClientSampleId :
PSC124019

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

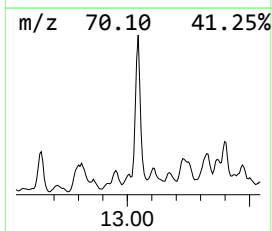
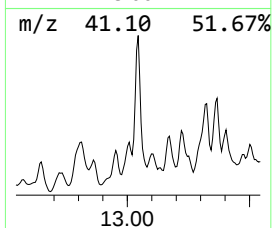
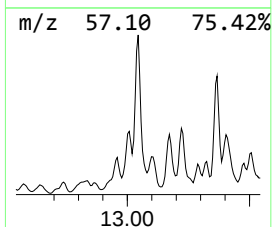
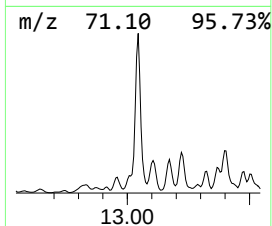
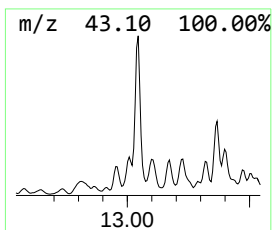
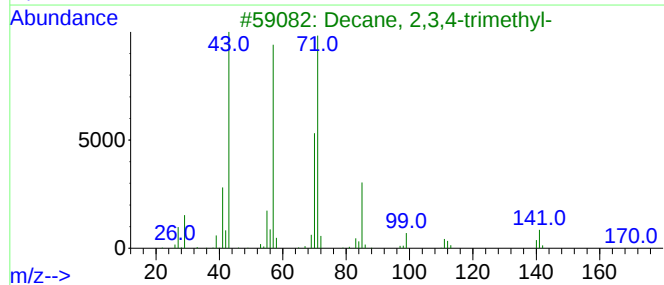
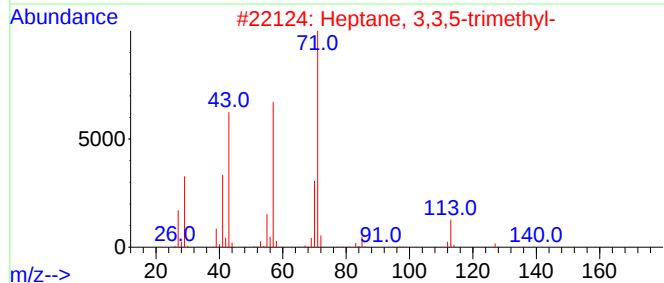
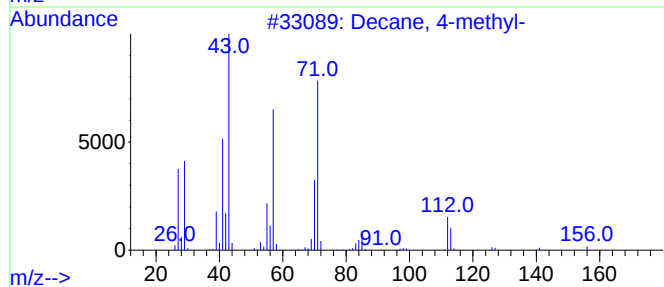
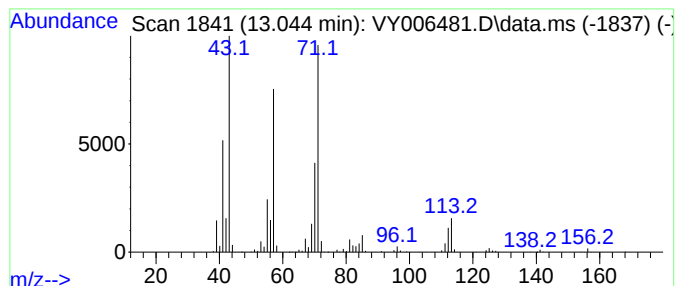
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.044	334.36 ug/l	1834980	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	90
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
3			Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	64
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	64



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MSVOA_Y
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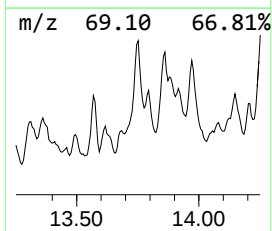
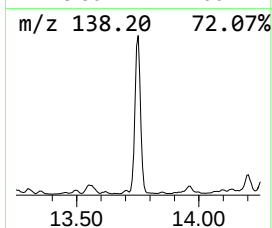
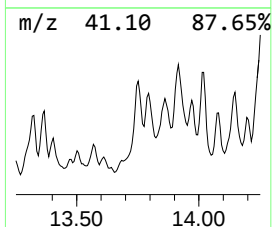
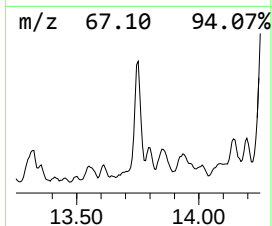
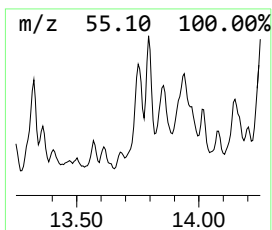
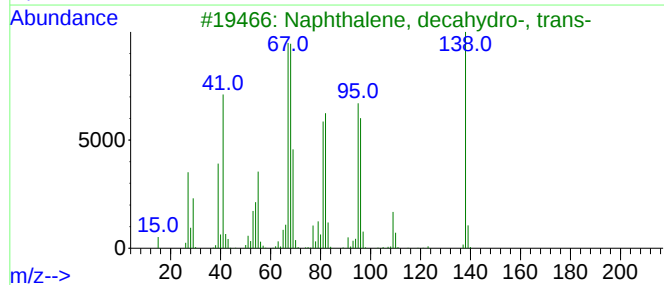
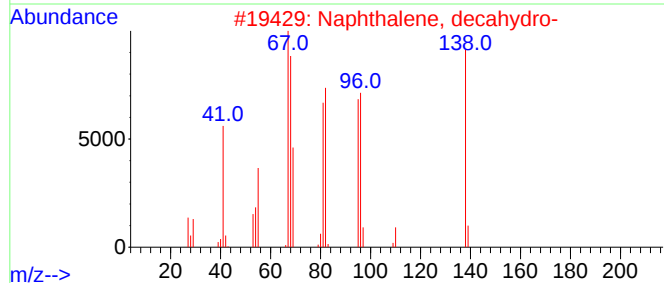
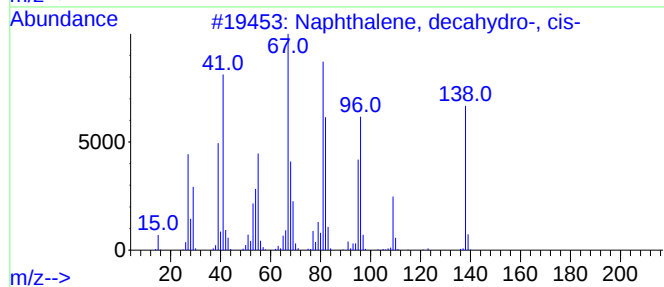
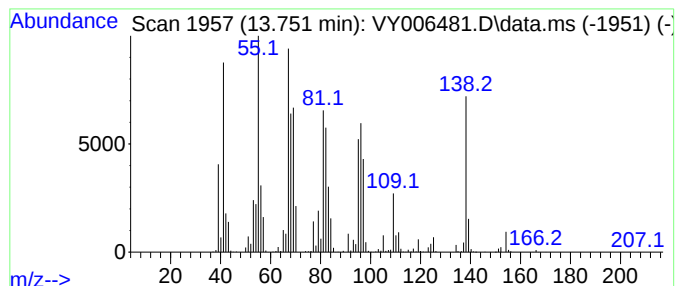
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-, cis- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	393.46 ug/l	2159290	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	95
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
4			Spiro[4.5]decane	138	C10H18	000176-63-6	93
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	60



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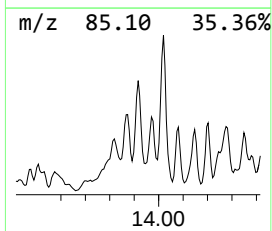
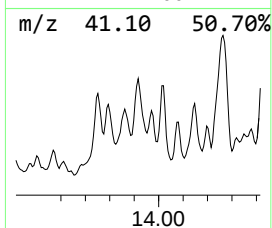
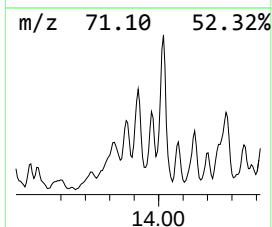
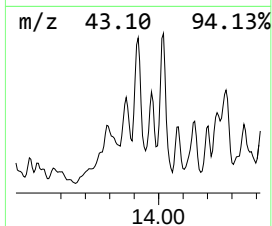
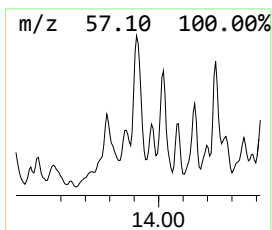
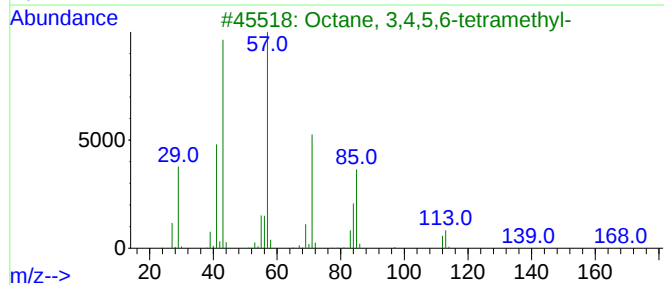
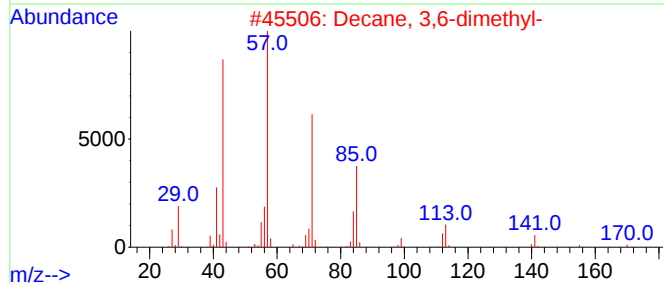
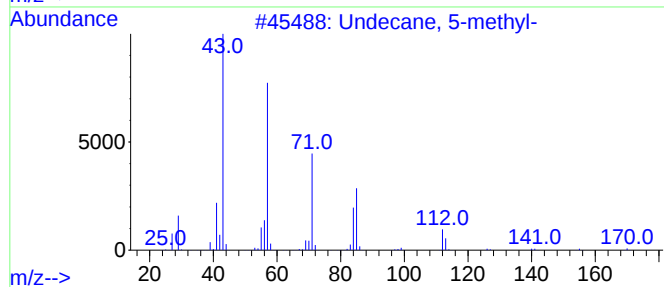
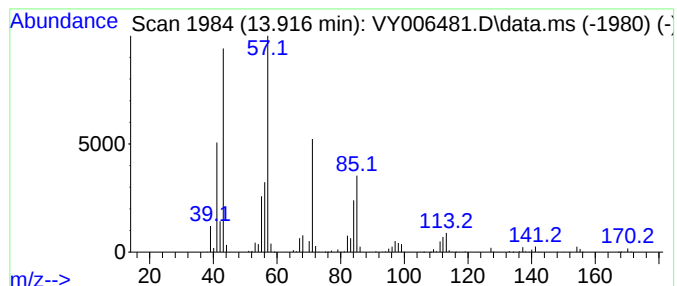
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Quant Title : SW846 8260

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

Peak Number 3 Undecane, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	412.50 ug/l	2263800	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	87
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
3			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	80
4			2,6-Dimethyldecane	170	C12H26	013150-81-7	68
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64



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Instrument :
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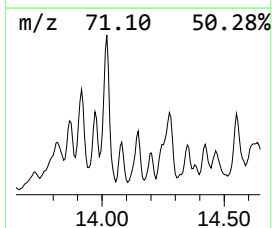
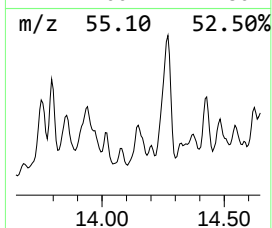
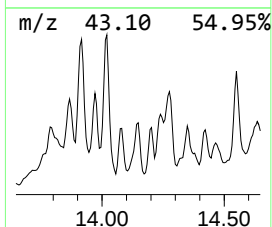
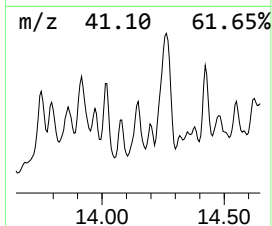
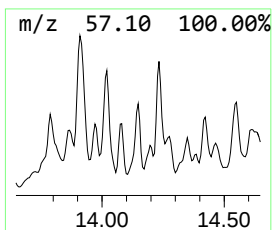
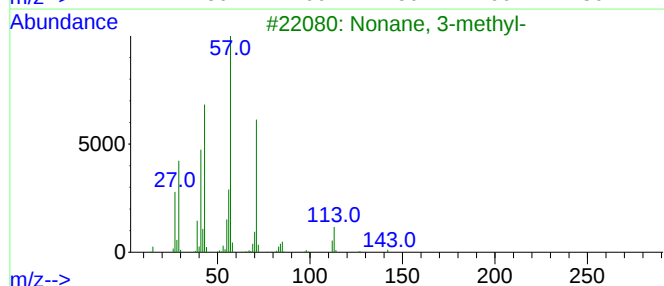
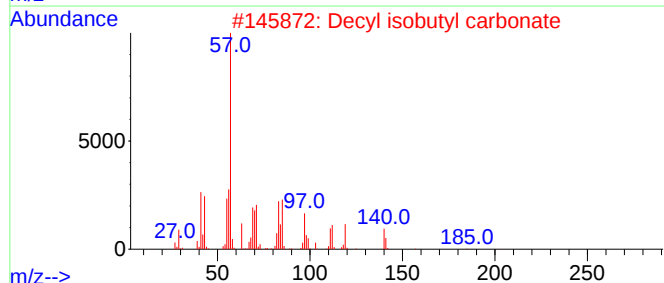
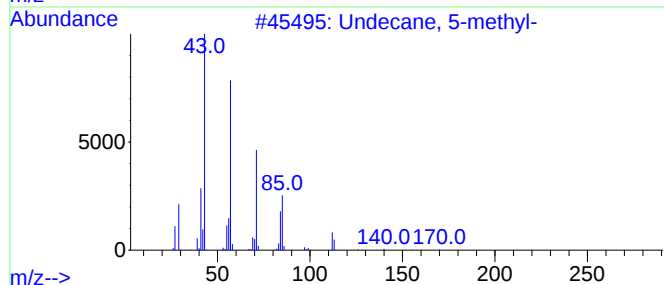
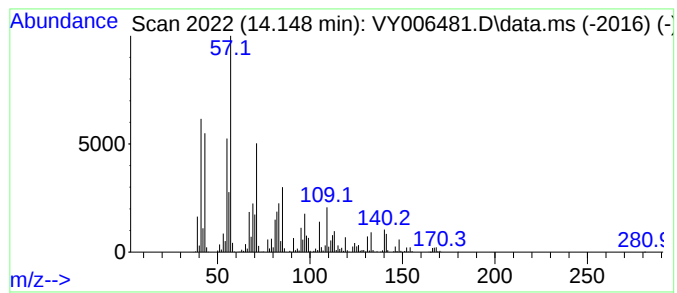
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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

Peak Number 4 unknown14.148 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.148	308.23 ug/l	1691560	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	46
2			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	46
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	46
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

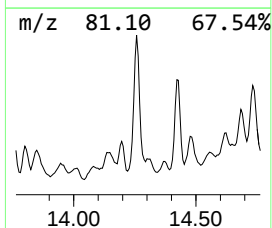
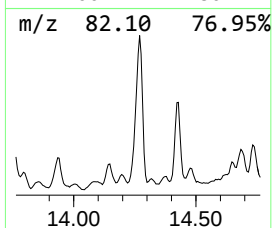
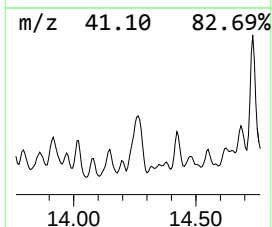
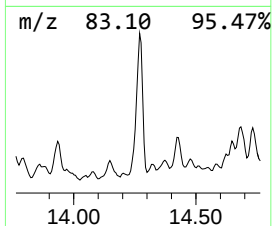
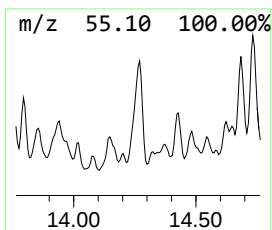
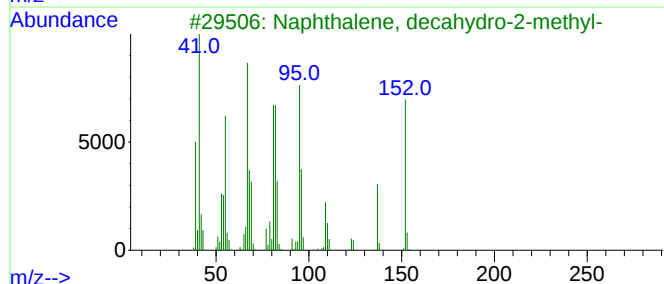
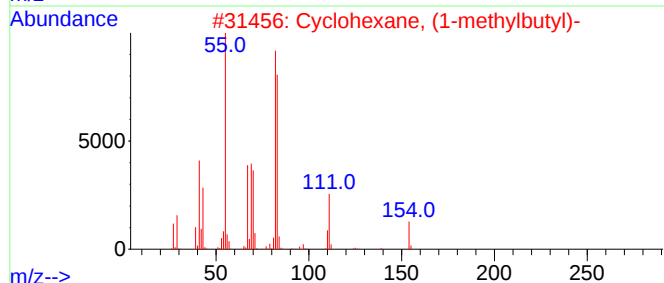
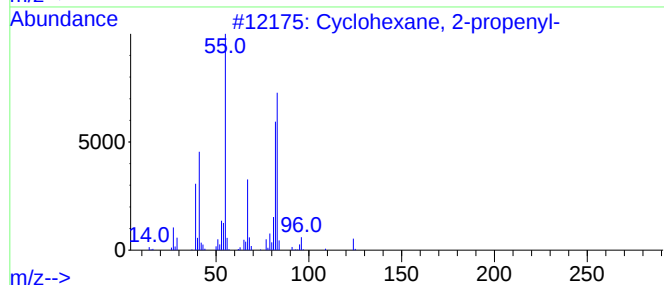
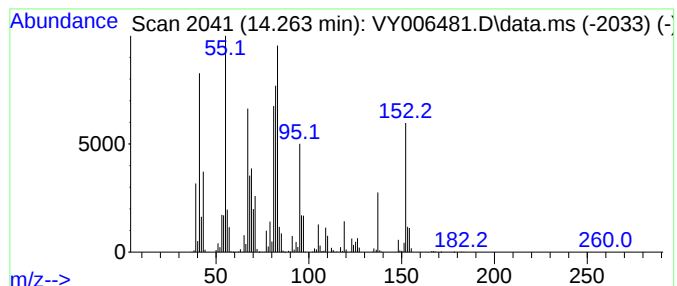
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.264	832.05 ug/l	4566290	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
2			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	49
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	43
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

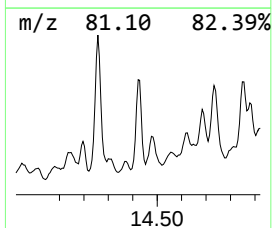
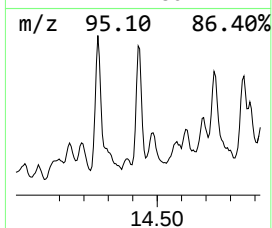
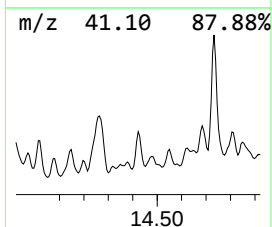
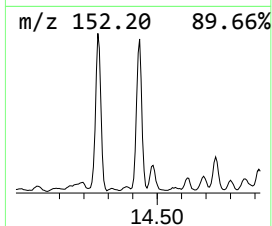
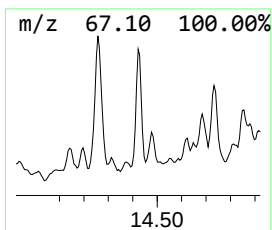
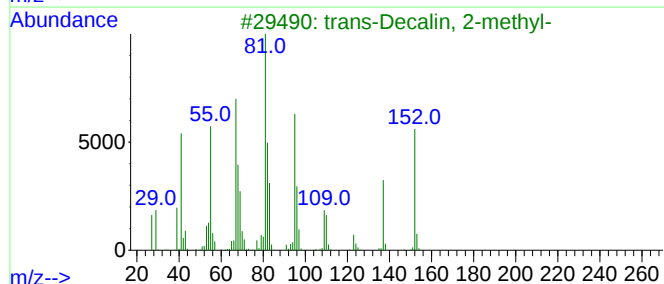
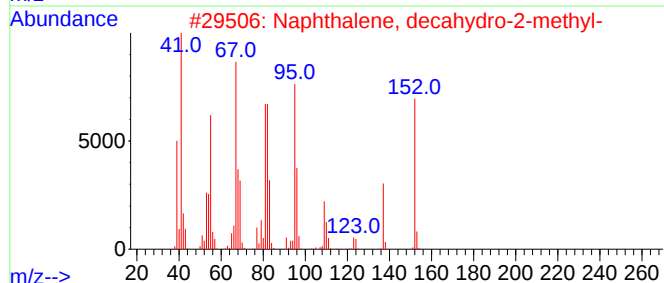
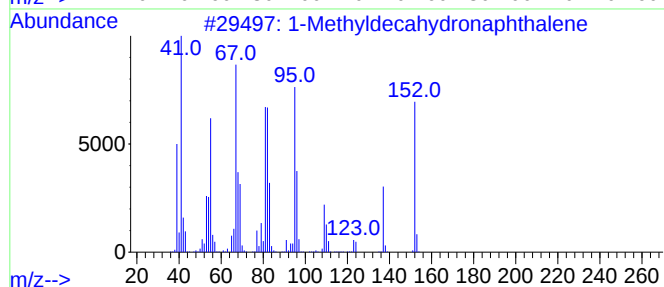
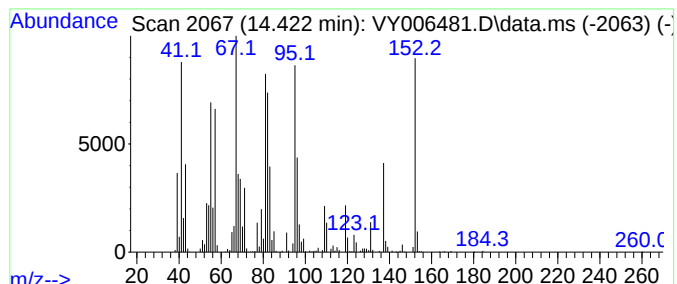
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Quant Title : SW846 8260

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

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	338.84 ug/l	1859560	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

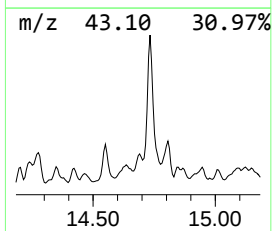
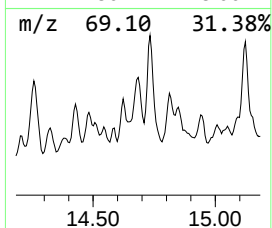
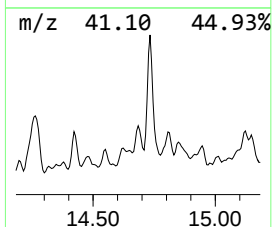
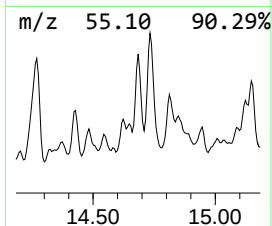
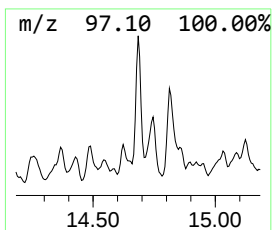
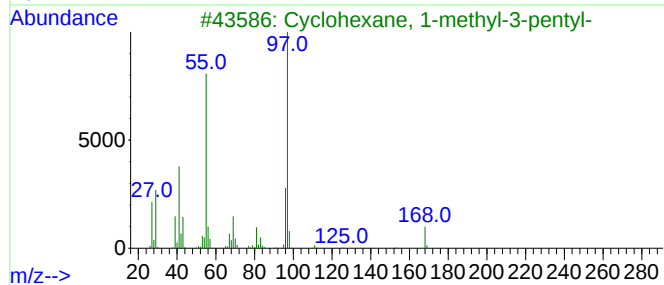
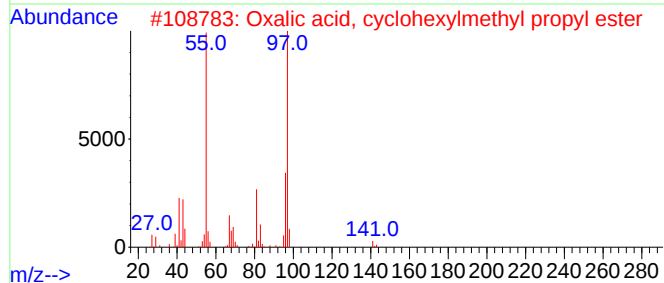
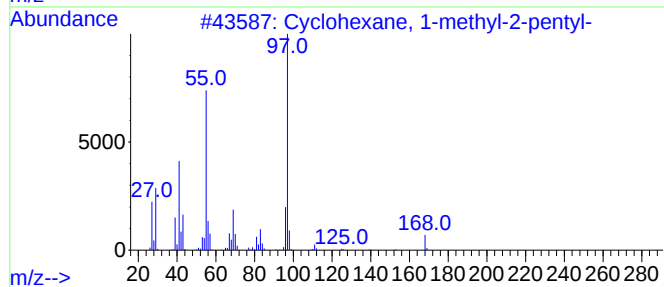
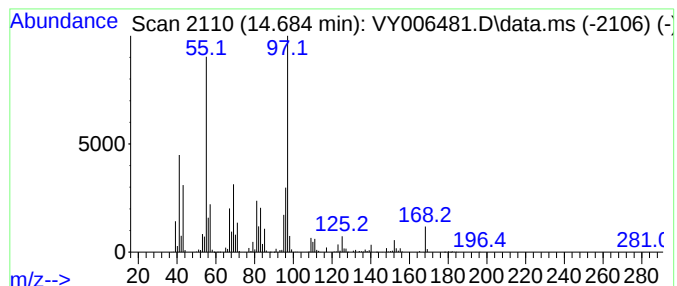
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, 1-methyl-2-pen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	286.66 ug/l	1573190	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
2			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	53
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	52
4			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	50
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

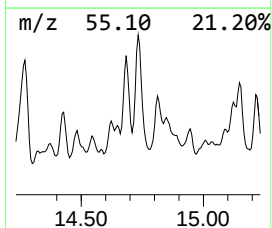
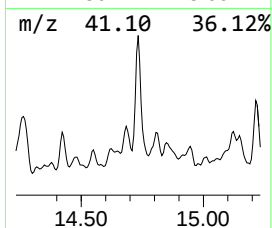
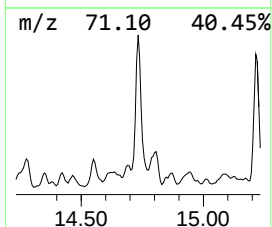
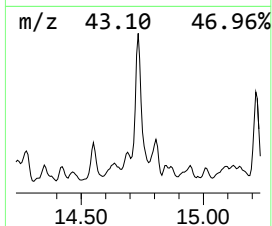
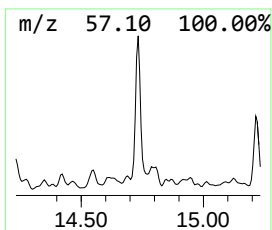
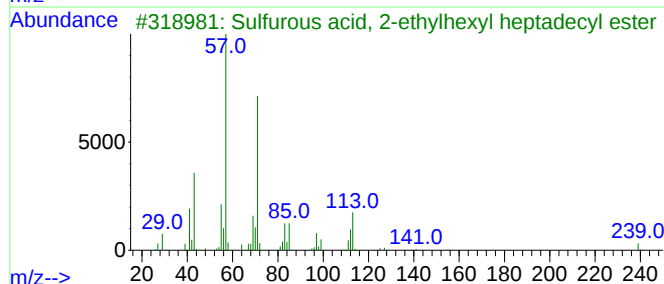
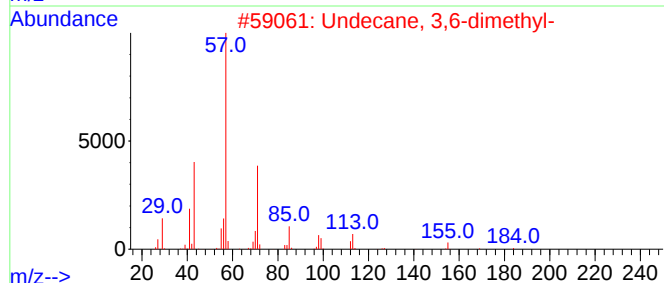
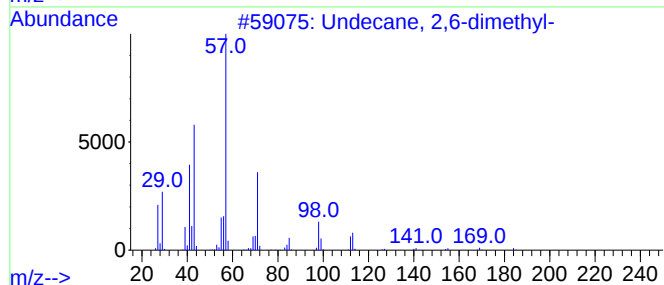
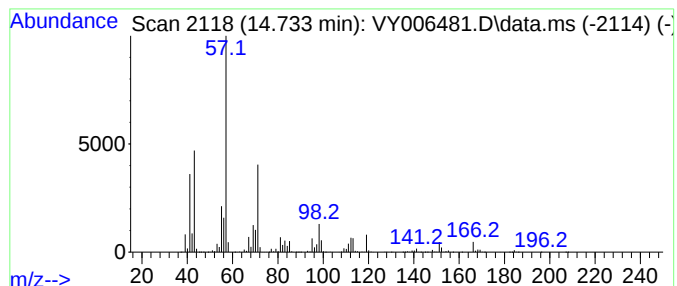
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	994.61 ug/l	5458420	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	49
5			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

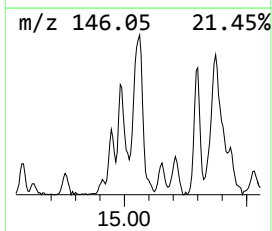
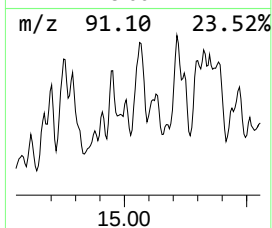
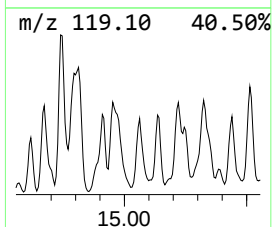
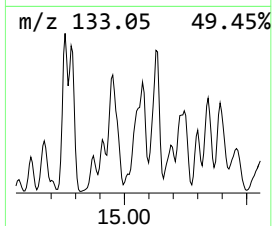
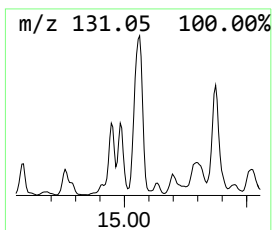
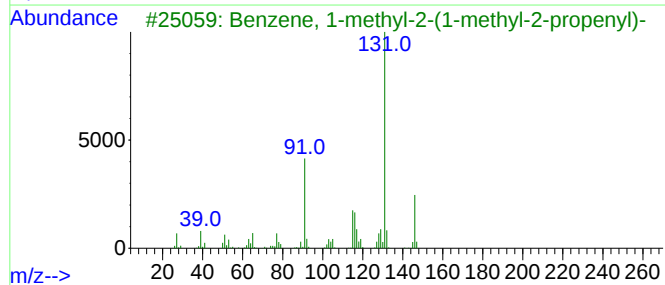
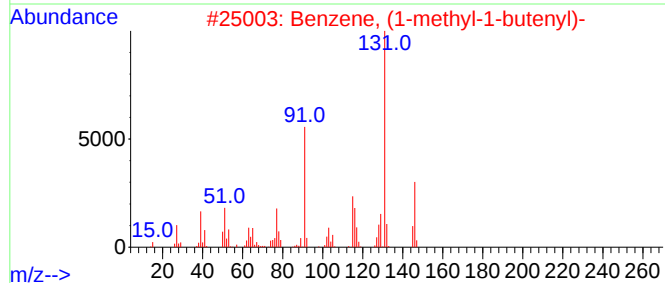
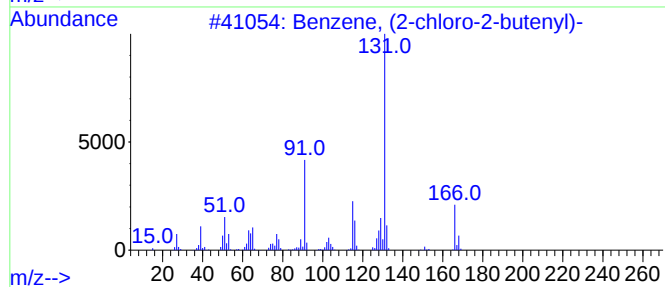
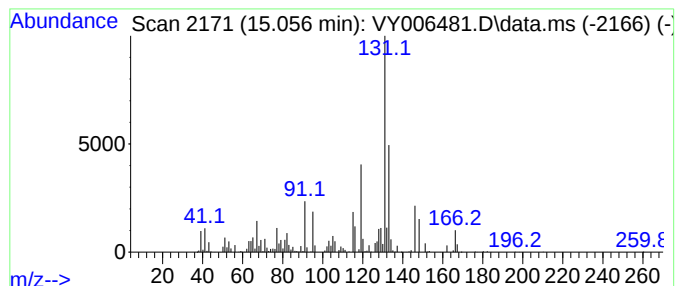
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, (2-chloro-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	296.53 ug/l	1627340	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	90
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
3			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	60
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55
5			Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

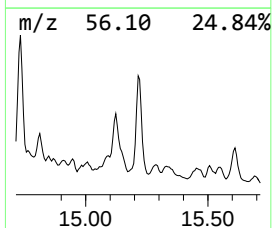
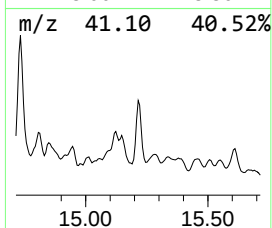
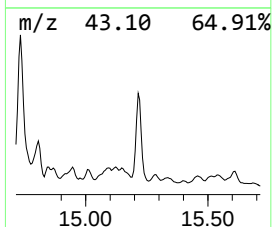
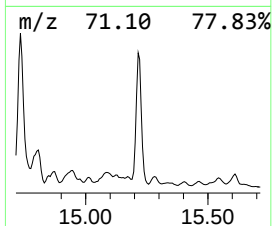
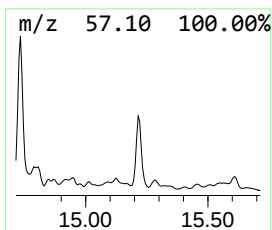
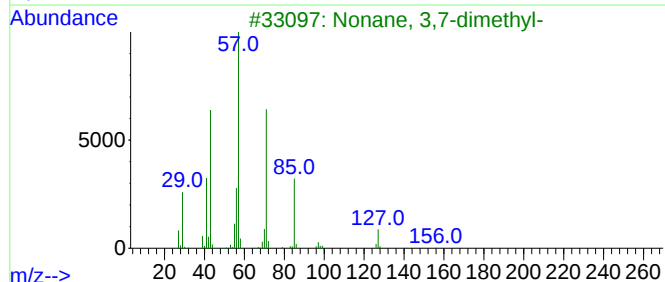
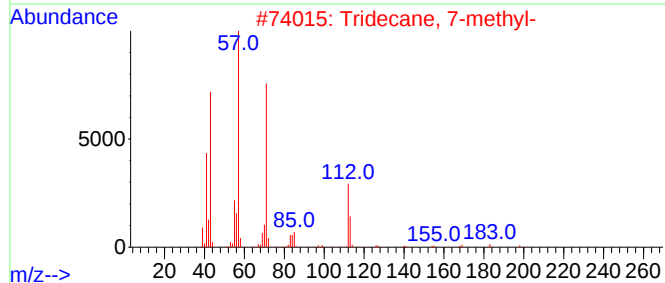
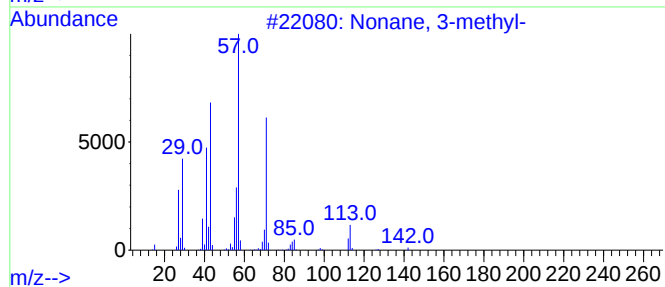
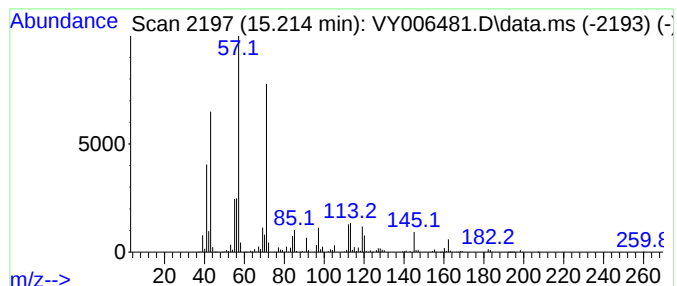
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Quant Title : SW846 8260

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

Peak Number 10 Nonane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	611.19 ug/l	3354210	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
2			Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
4			Heptane, 3-[(ethenyl)oxy)methyl]-	156	C10H20O	000103-44-6	50
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006481.D
Acq On : 26 Oct 2021 15:13
Operator : SY/MD
Sample : M4329-01
Misc : 3.29G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC124019

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.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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Naphthalene, de...	13.751	393.5	ug/l	2159290	4	13.428	274400	50.0
Undecane, 5-met...	13.916	412.5	ug/l	2263800	4	13.428	274400	50.0
unknown14.148	14.148	308.2	ug/l	1691560	4	13.428	274400	50.0
Cyclohexane, 2-...	14.264	832.0	ug/l	4566290	4	13.428	274400	50.0
1-Methyldecahyd...	14.422	338.8	ug/l	1859560	4	13.428	274400	50.0
Cyclohexane, 1-...	14.684	286.7	ug/l	1573190	4	13.428	274400	50.0
Undecane, 2,6-d...	14.733	994.6	ug/l	5458420	4	13.428	274400	50.0
Benzene, (2-chl...	15.056	296.5	ug/l	1627340	4	13.428	274400	50.0
Nonane, 3-methyl-	15.214	611.2	ug/l	3354210	4	13.428	274400	50.0