

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012992.D
 Acq On : 17 Mar 2023 17:22
 Operator : KP/MD
 Sample : 01954-05
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SV-TP3-0316

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\82Y030223S.M
 Title : SW846 8260

Signal : TIC: VY012992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.710	955	966	972	rBV	64518	156780	2.52%	0.379%
2	7.789	972	979	991	rVB	102029	234498	3.77%	0.567%
3	8.136	1027	1036	1045	rBV	67542	153389	2.47%	0.371%
4	8.685	1117	1126	1137	rBV	164742	318393	5.12%	0.770%
5	10.179	1361	1371	1382	rBV	282709	495014	7.96%	1.196%
6	10.368	1394	1402	1408	rVB	45506	78303	1.26%	0.189%
7	10.898	1479	1489	1494	rBV	34577	69054	1.11%	0.167%
8	11.038	1507	1512	1516	rVB	55742	84760	1.36%	0.205%
9	11.087	1516	1520	1525	rVB	75370	123361	1.98%	0.298%
10	11.203	1534	1539	1543	rBV2	41709	74549	1.20%	0.180%
11	11.282	1543	1552	1562	rVB4	355896	821686	13.22%	1.986%
12	11.380	1562	1568	1579	rBV	276237	450061	7.24%	1.088%
13	11.489	1579	1586	1595	rBV	261633	442614	7.12%	1.070%
14	11.709	1612	1622	1630	rVV2	1999312	3514253	56.53%	8.494%
15	11.776	1630	1633	1639	rVB	158810	259402	4.17%	0.627%
16	11.928	1653	1658	1663	rVV2	167781	289873	4.66%	0.701%
17	12.008	1663	1671	1677	rVV5	385744	1046843	16.84%	2.530%
18	12.056	1677	1679	1682	rVV	135680	188532	3.03%	0.456%
19	12.123	1686	1690	1694	rVV	350517	522056	8.40%	1.262%
20	12.197	1694	1702	1705	rVV5	219345	504875	8.12%	1.220%
21	12.245	1705	1710	1720	rVV2	403915	989139	15.91%	2.391%
22	12.386	1724	1733	1734	rVV5	380356	949150	15.27%	2.294%
23	12.410	1734	1737	1740	rVV	579373	1022465	16.45%	2.471%
24	12.440	1740	1742	1746	rVV	603358	725276	11.67%	1.753%
25	12.483	1746	1749	1752	rVV2	277966	446742	7.19%	1.080%
26	12.520	1752	1755	1760	rVV	553616	822199	13.23%	1.987%
27	12.568	1760	1763	1767	rVV5	88948	169513	2.73%	0.410%
28	12.611	1767	1770	1772	rVV2	78226	122974	1.98%	0.297%
29	12.642	1772	1775	1783	rVB3	131593	305466	4.91%	0.738%
30	12.733	1783	1790	1794	rBV2	382844	703484	11.32%	1.700%
31	12.806	1796	1802	1807	rVV2	4129780	6216596	100.00%	15.026%
32	12.861	1807	1811	1816	rVB	239233	375639	6.04%	0.908%
33	12.953	1821	1826	1830	rBV2	202745	388939	6.26%	0.940%
34	13.001	1831	1834	1837	rVV2	189205	297362	4.78%	0.719%
35	13.038	1837	1840	1846	rVB	451770	622629	10.02%	1.505%
36	13.117	1846	1853	1858	rVB	862345	1341459	21.58%	3.242%

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37	13.166	1858	1861	1866	rVB	172438	224103	3.60%	0.542%
38	13.221	1866	1870	1873	rBV2	101912	160542	2.58%	0.388%
39	13.318	1878	1886	1890	rBV2	510250	947461	15.24%	2.290%
40	13.361	1890	1893	1896	rBV3	363520	440720	7.09%	1.065%
41	13.398	1896	1899	1901	rBV	199293	231360	3.72%	0.559%
42	13.428	1901	1904	1907	rVB2	438579	495764	7.97%	1.198%
43	13.501	1913	1916	1922	rVB	376398	501737	8.07%	1.213%
44	13.623	1932	1936	1939	rVV	168170	256418	4.12%	0.620%
45	13.666	1939	1943	1951	rVV2	210197	383877	6.18%	0.928%
46	13.751	1951	1957	1962	rVV	2767671	3819233	61.44%	9.231%
47	13.794	1962	1964	1967	rVV	172193	232294	3.74%	0.561%
48	13.855	1971	1974	1977	rVV3	136232	244620	3.93%	0.591%
49	13.916	1980	1984	1989	rVV4	236039	535721	8.62%	1.295%
50	13.971	1989	1993	1997	rVV2	245773	420320	6.76%	1.016%
51	14.013	1997	2000	2006	rVB2	104118	163851	2.64%	0.396%
52	14.074	2006	2010	2015	rVB2	143822	215296	3.46%	0.520%
53	14.141	2015	2021	2027	rBV5	106017	220592	3.55%	0.533%
54	14.269	2027	2042	2046	rBV7	346628	1220071	19.63%	2.949%
55	14.312	2046	2049	2057	rVV3	231395	525787	8.46%	1.271%
56	14.379	2057	2060	2064	rVV	198184	286833	4.61%	0.693%
57	14.422	2064	2067	2072	rVV4	135470	197062	3.17%	0.476%
58	14.611	2093	2098	2103	rVB	1287007	1680416	27.03%	4.062%
59	14.678	2103	2109	2113	rVV3	162519	321633	5.17%	0.777%
60	14.727	2113	2117	2124	rVV4	235989	432164	6.95%	1.045%
61	14.800	2124	2129	2131	rVV5	49252	101698	1.64%	0.246%
62	14.836	2132	2135	2145	rVV3	76987	134246	2.16%	0.324%
63	15.050	2164	2170	2174	rBV5	64470	137582	2.21%	0.333%
64	15.141	2180	2185	2191	rVB3	136106	256940	4.13%	0.621%
65	15.208	2191	2196	2204	rBV2	123205	230357	3.71%	0.557%
66	15.287	2205	2209	2214	rVB3	38415	66504	1.07%	0.161%
67	15.434	2228	2233	2241	rVB	466310	686133	11.04%	1.658%
68	15.726	2277	2281	2288	rVB	49211	88227	1.42%	0.213%
69	16.031	2324	2331	2336	rBV6	29931	79324	1.28%	0.192%
70	16.360	2380	2385	2397	rVB	56695	105942	1.70%	0.256%

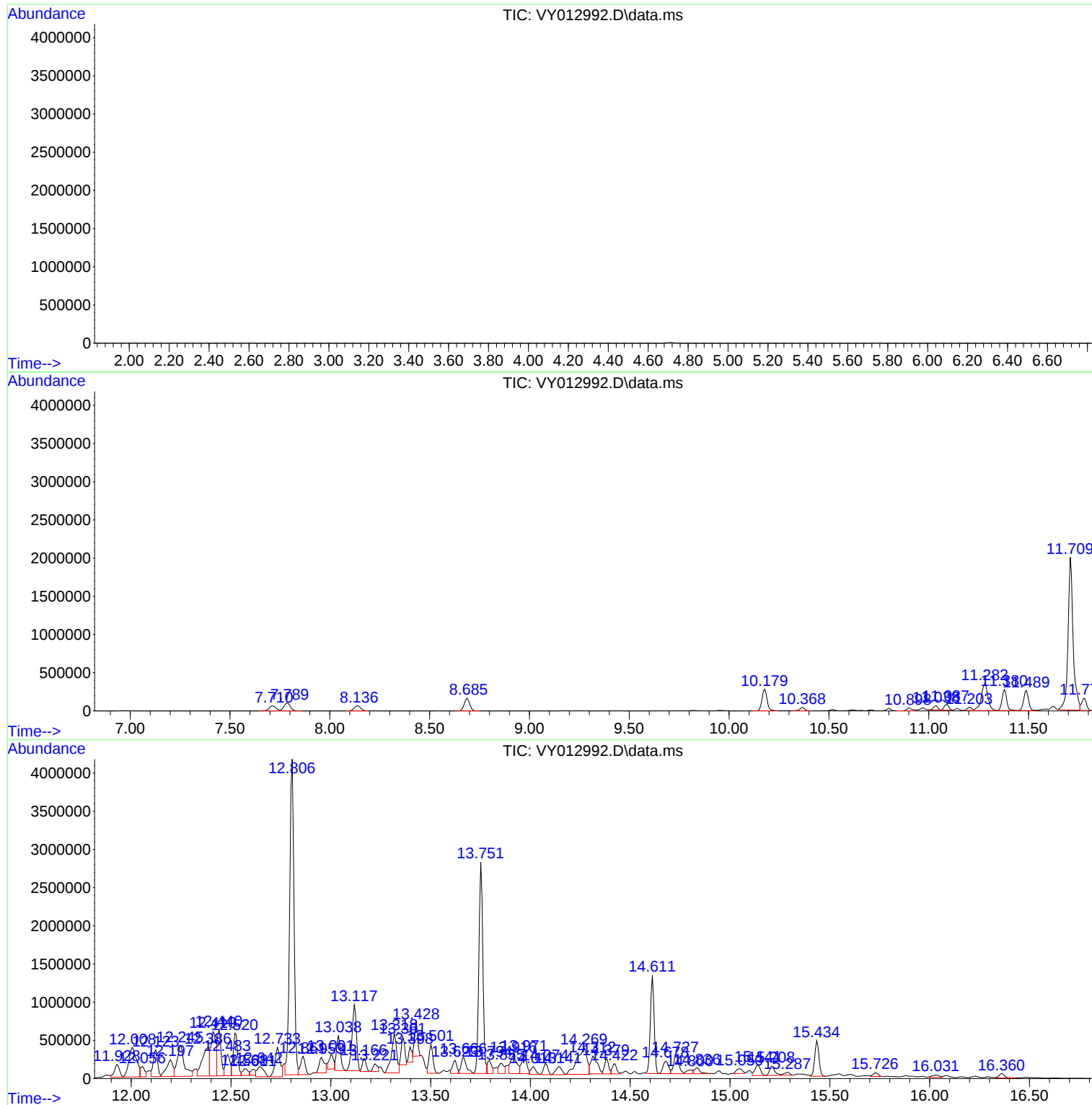
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SV-TP3-0316

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

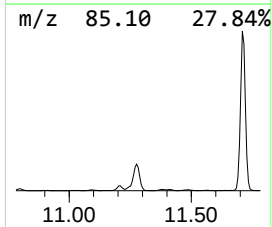
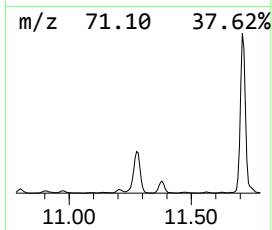
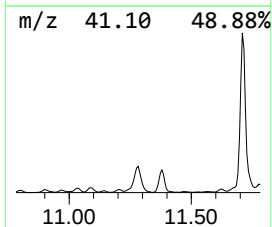
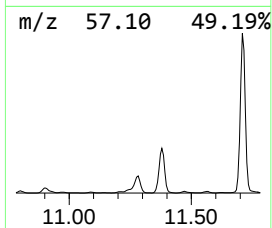
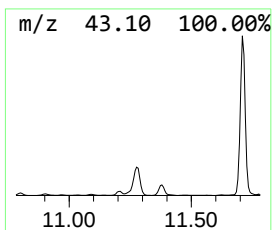
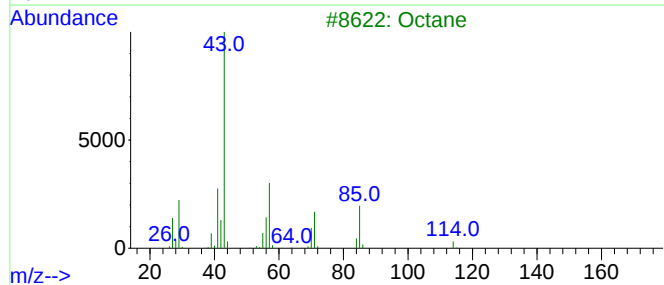
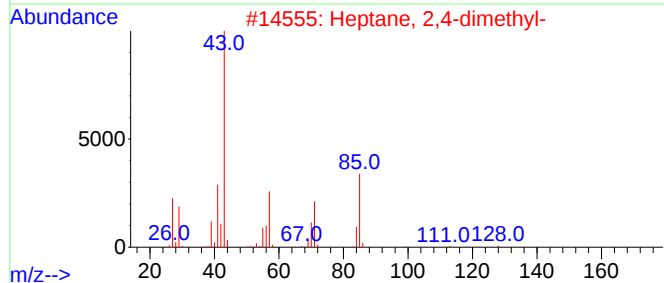
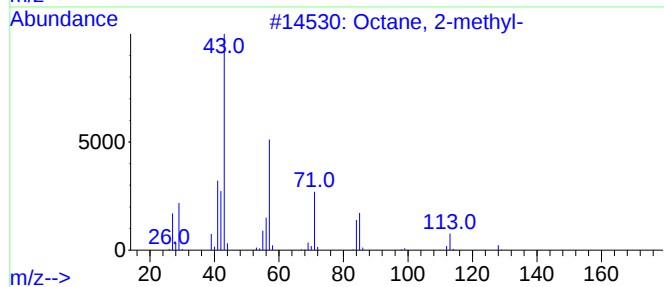
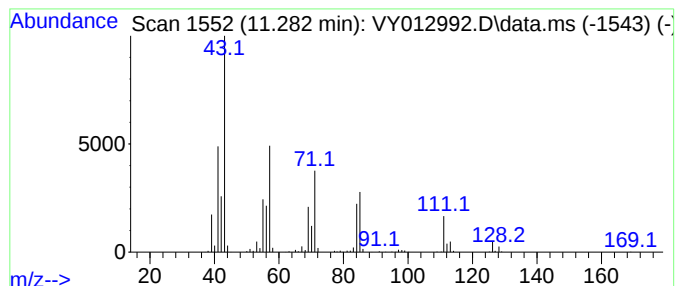
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.282	92.82 ug/l	821686	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	64
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
3			Octane	114	C8H18	000111-65-9	43
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5			2-Methylpentyl formate	130	C7H14O2	381670-34-4	38



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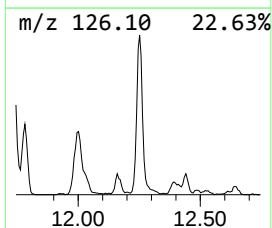
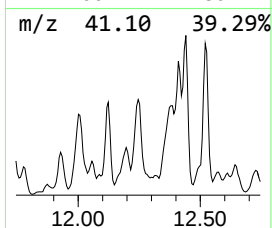
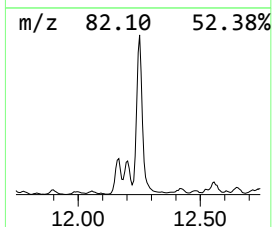
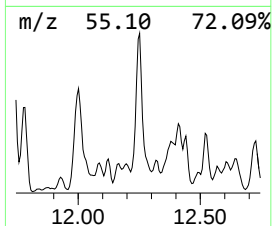
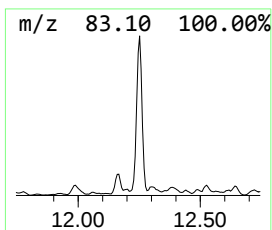
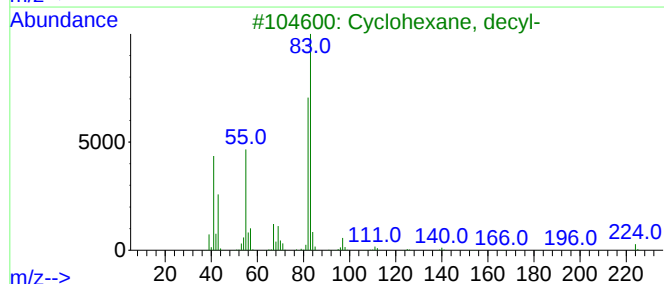
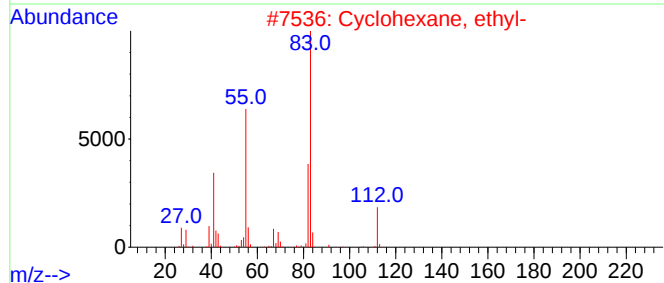
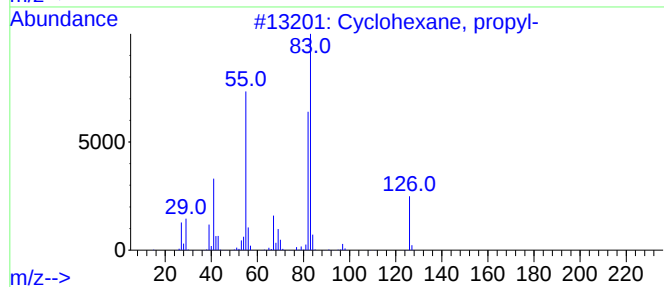
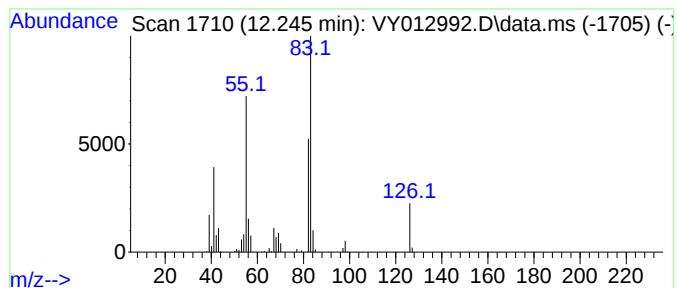
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	111.74 ug/l	989139	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	94
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3			Cyclohexane, decyl-	224	C16H32	001795-16-0	64
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5			2-Pyrazoline, 1-methyl-4-propyl-	126	C7H14N2	033063-77-3	50



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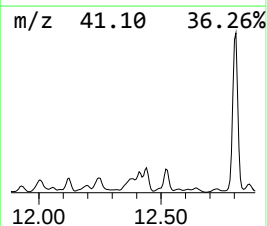
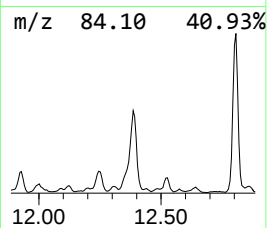
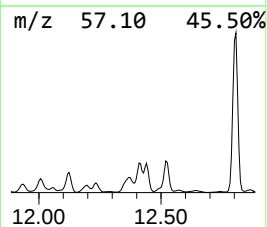
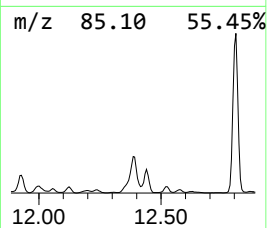
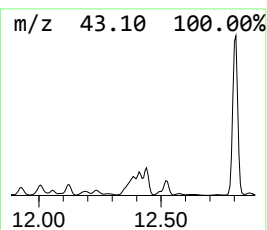
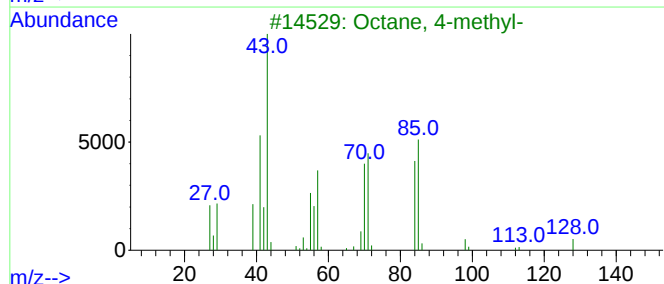
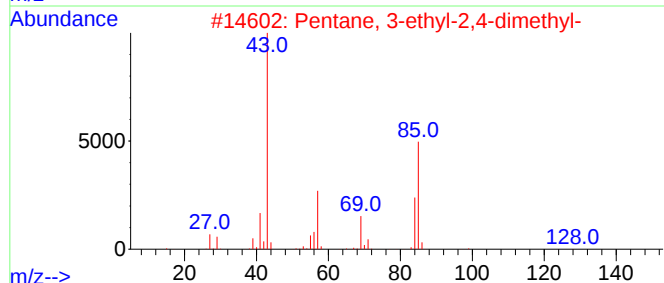
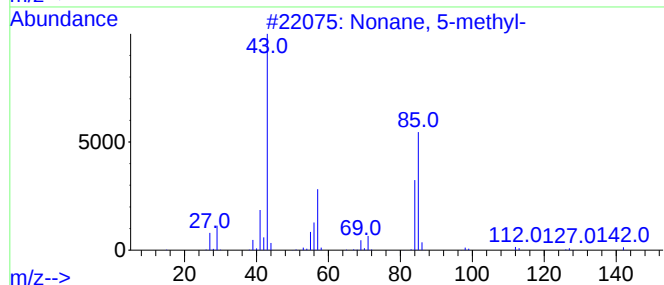
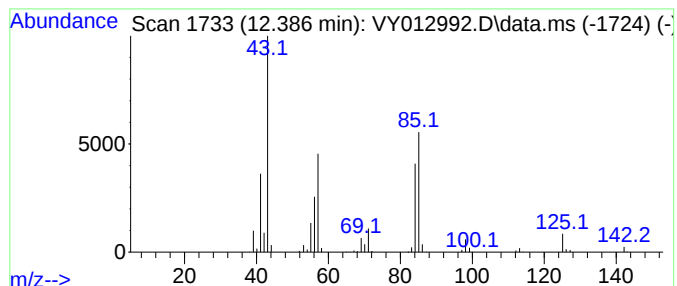
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Peak Number 3 Nonane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	107.22 ug/l	949150	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-methyl-	142	C10H22	015869-85-9	83
2			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	72
3			Octane, 4-methyl-	128	C9H20	002216-34-4	59
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	56
5			Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	50



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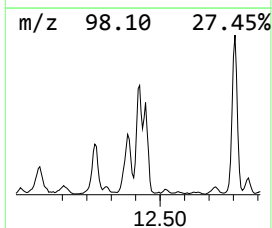
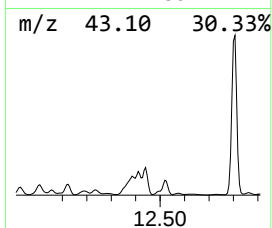
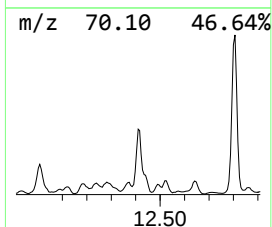
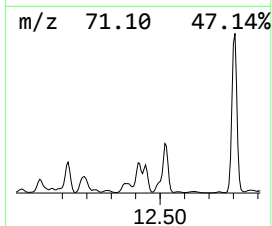
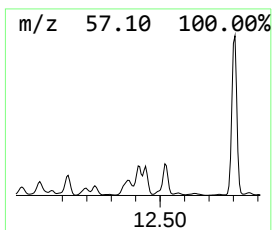
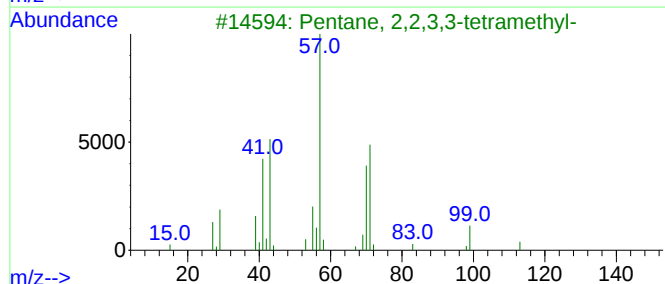
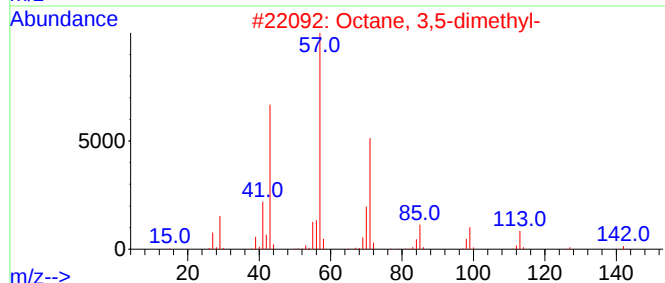
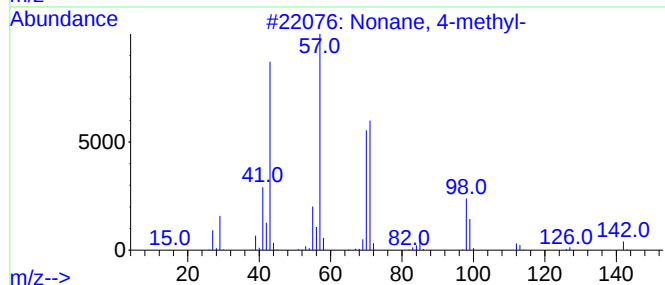
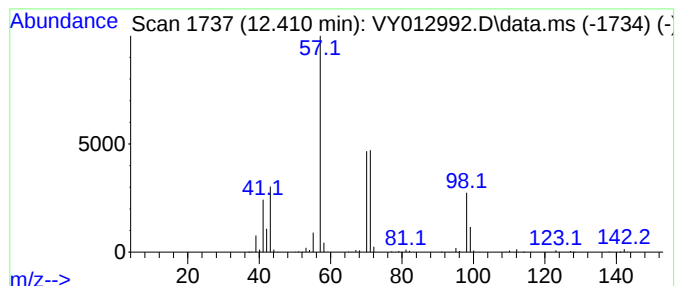
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Nonane, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	115.50 ug/l	1022470	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	45
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	45
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

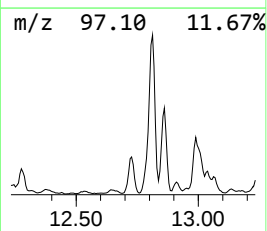
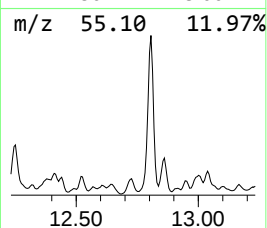
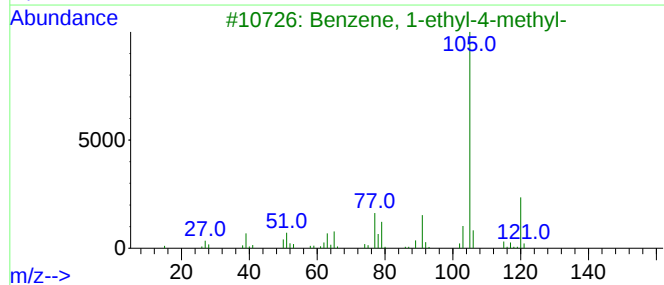
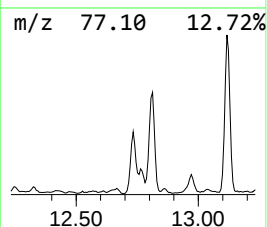
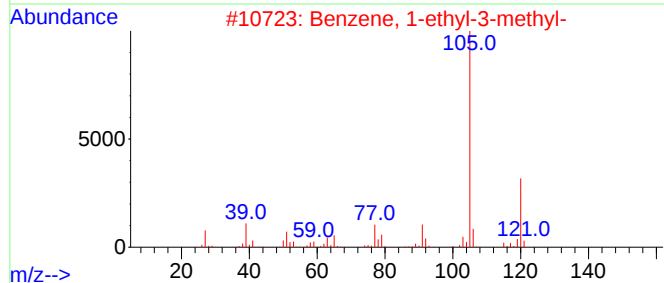
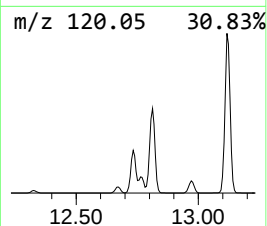
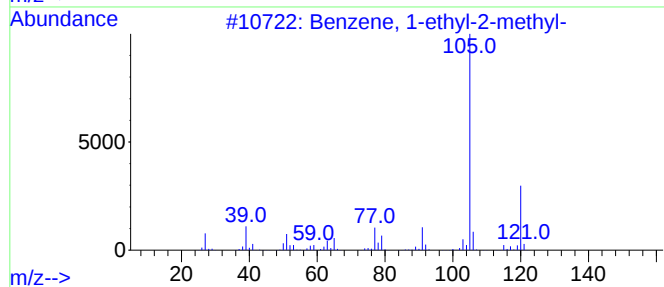
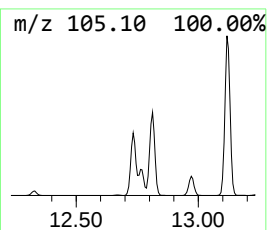
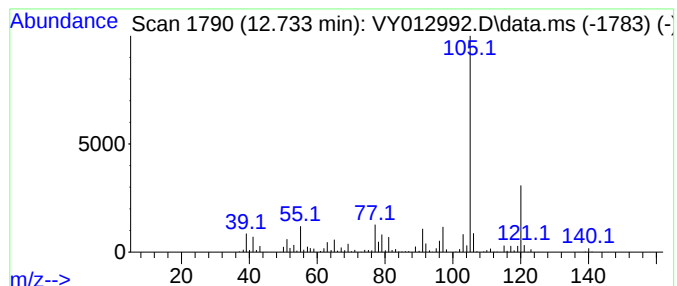
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	70.95 ug/l	703484	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
5			Mesitylene	120	C9H12	000108-67-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

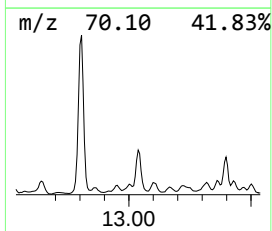
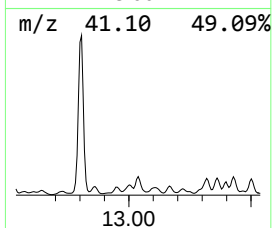
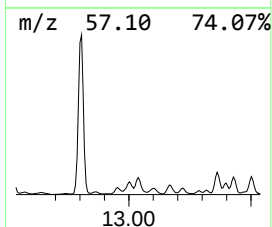
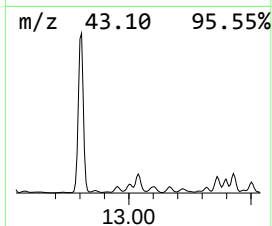
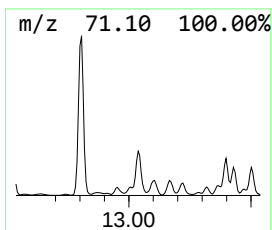
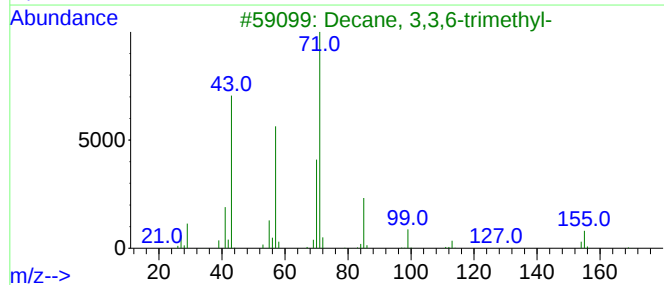
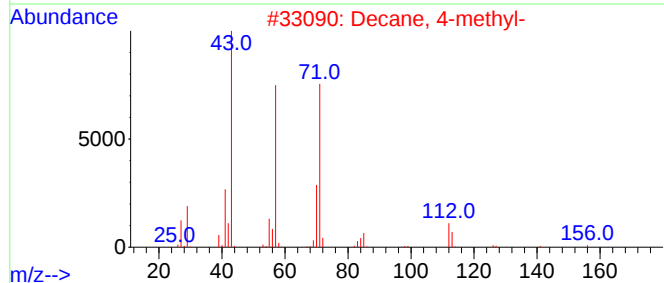
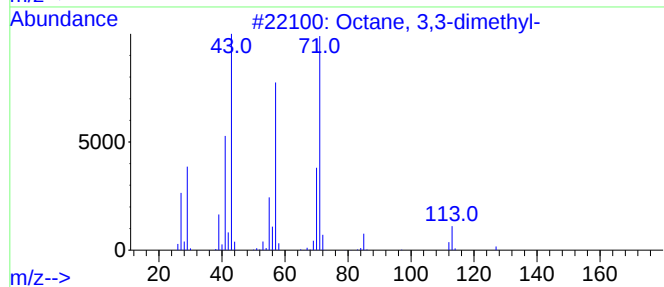
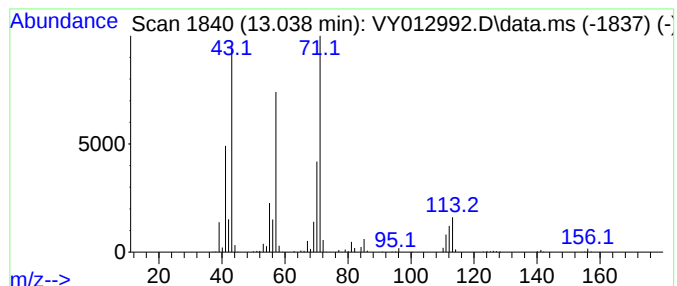
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Quant Title : SW846 8260

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

Peak Number 6 Octane, 3,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	62.79 ug/l	622629	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2			Decane, 4-methyl-	156	C11H24	002847-72-5	74
3			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	72
4			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53
5			Carbonic acid, dipentyl ester	202	C11H22O3	002050-94-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

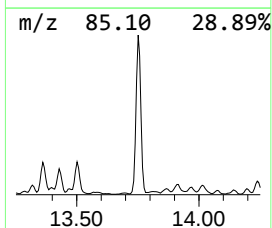
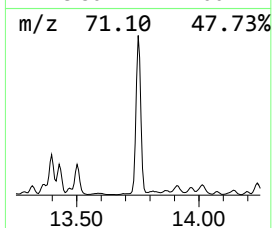
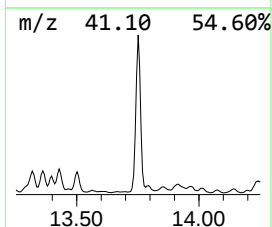
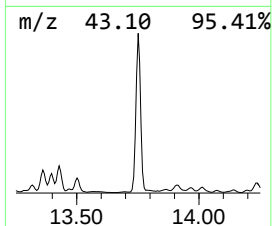
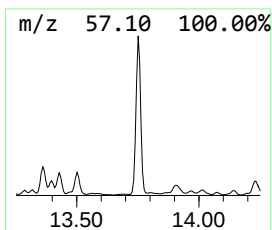
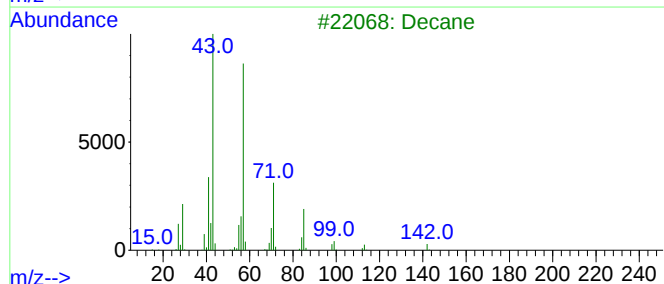
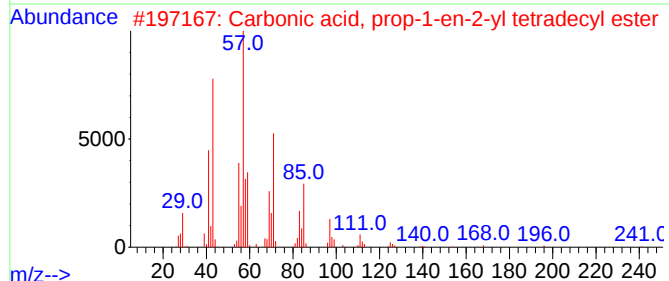
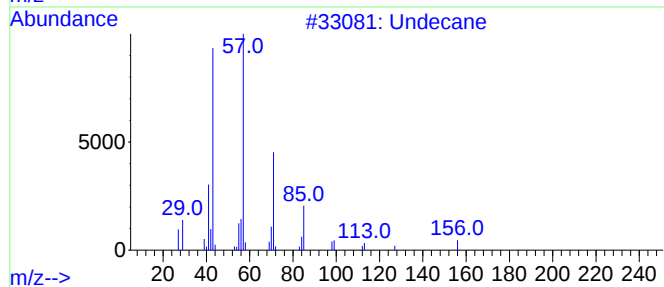
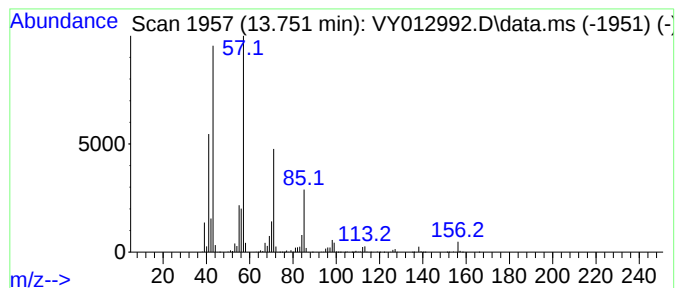
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Quant Title : SW846 8260

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

Peak Number 7 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	385.19 ug/l	3819230	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	90
3	Decane			142	C10H22	000124-18-5	90
4	Hexadecane			226	C16H34	000544-76-3	72
5	Tetradecane, 1-iodo-			324	C14H29I	019218-94-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

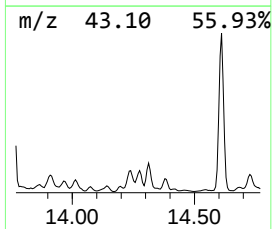
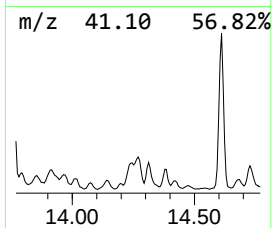
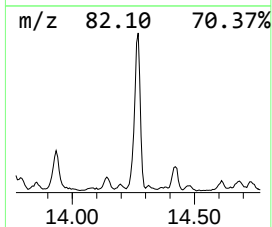
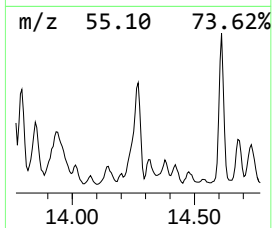
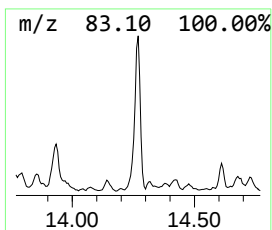
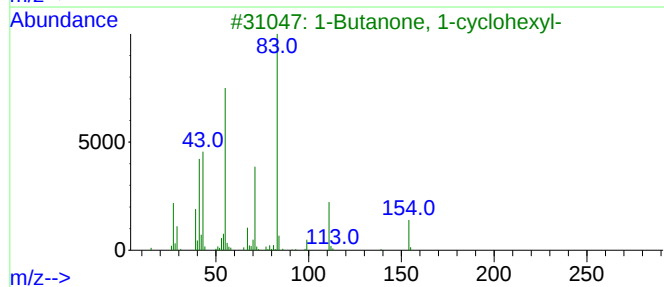
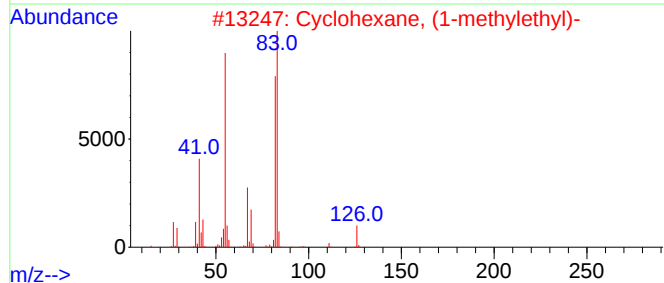
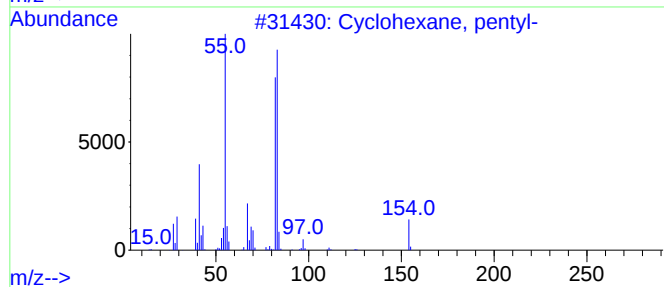
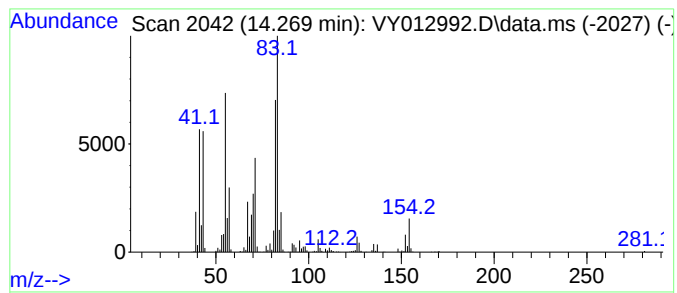
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Quant Title : SW846 8260

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

Peak Number 8 Cyclohexane, pentyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	123.05 ug/l	1220070	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3			1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	58
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	52
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

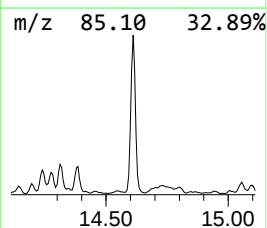
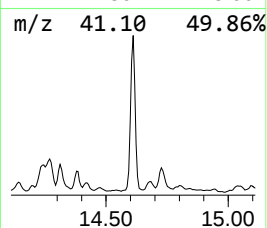
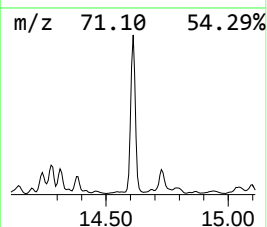
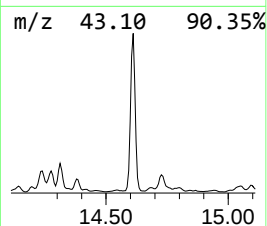
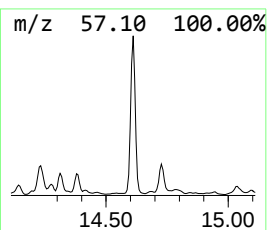
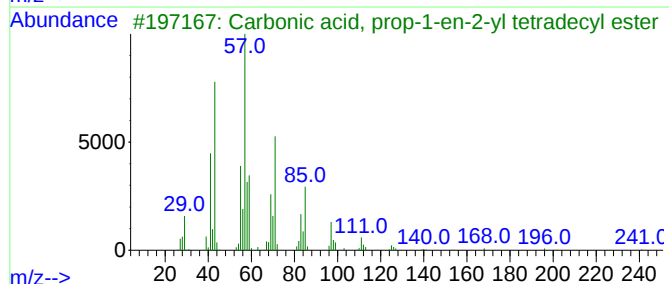
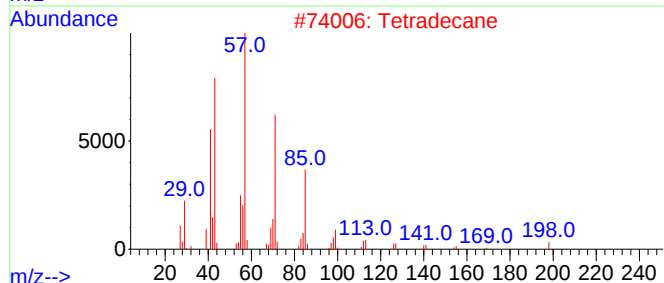
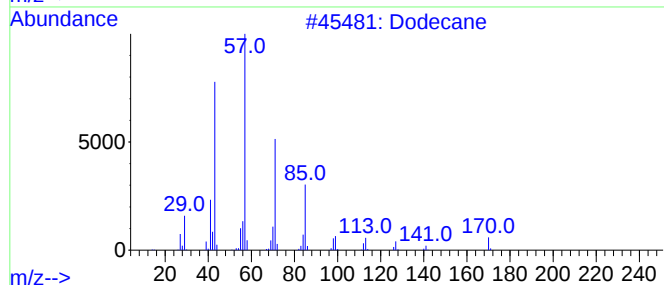
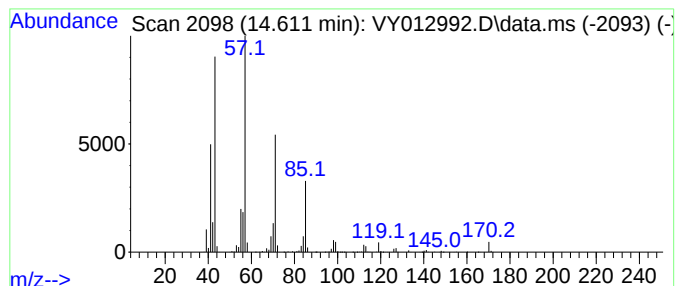
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	169.48 ug/l	1680420	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Tetradecane	198	C14H30	000629-59-4	86
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
4			Tridecane	184	C13H28	000629-50-5	72
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

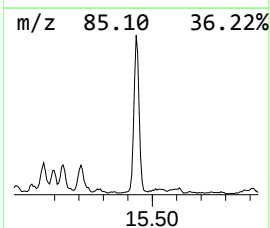
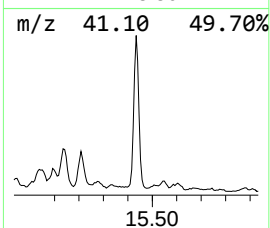
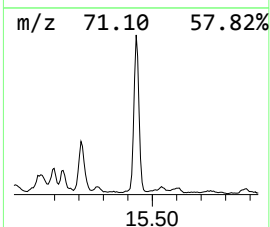
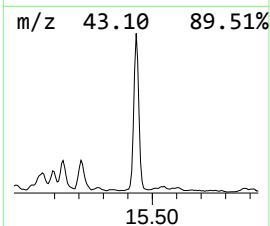
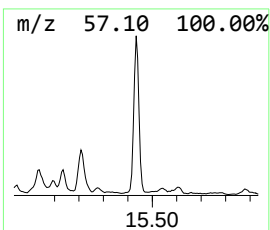
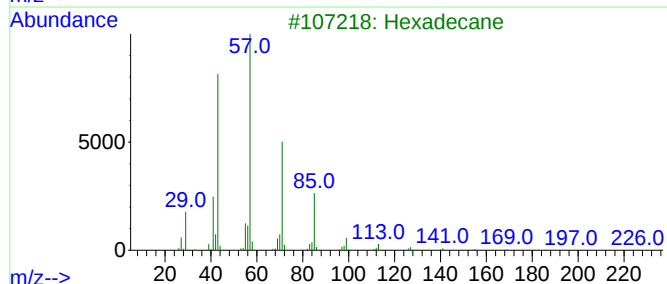
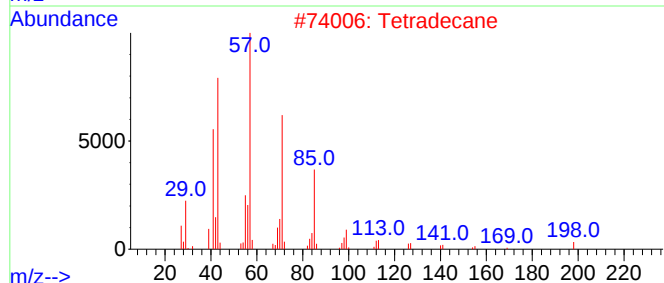
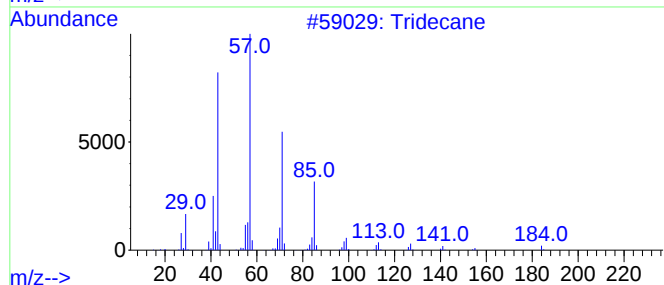
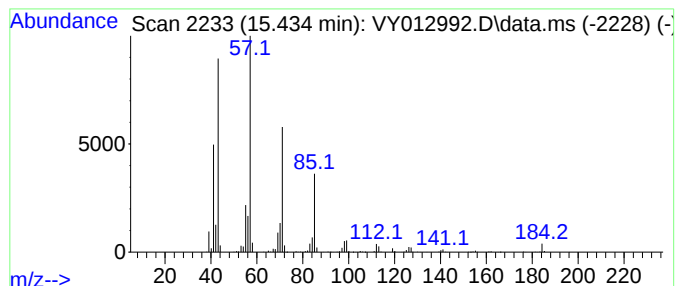
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	69.20 ug/l	686133	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Tetradecane	198	C14H30	000629-59-4	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
Data File : VY012992.D
Acq On : 17 Mar 2023 17:22
Operator : KP/MD
Sample : 01954-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SV-TP3-0316

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.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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Cyclohexane, pr...	12.245	111.7	ug/l	989139	3	11.489	442614	50.0
Nonane, 5-methyl-	12.386	107.2	ug/l	949150	3	11.489	442614	50.0
Nonane, 4-methyl-	12.410	115.5	ug/l	1022470	3	11.489	442614	50.0
Benzene, 1-ethy...	12.733	71.0	ug/l	703484	4	13.422	495764	50.0
Octane, 3,3-dim...	13.038	62.8	ug/l	622629	4	13.422	495764	50.0
Undecane	13.751	385.2	ug/l	3819230	4	13.422	495764	50.0
Cyclohexane, pe...	14.269	123.1	ug/l	1220070	4	13.422	495764	50.0
Dodecane	14.611	169.5	ug/l	1680420	4	13.422	495764	50.0
Tridecane	15.434	69.2	ug/l	686133	4	13.422	495764	50.0