

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013064.D
 Acq On : 23 Mar 2023 16:48
 Operator : KP/MD
 Sample : 02032-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1

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: VY013064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	956	967	972	rBV	64645	153010	4.00%	0.410%
2	7.789	972	979	993	rVB	96794	222771	5.82%	0.596%
3	8.136	1026	1036	1049	rBV2	62672	137038	3.58%	0.367%
4	8.685	1118	1126	1139	rVB	157433	307511	8.03%	0.823%
5	10.179	1363	1371	1377	rBV	269956	463086	12.09%	1.240%
6	10.368	1394	1402	1409	rVB2	30247	58598	1.53%	0.157%
7	11.087	1515	1520	1526	rVB	75147	124025	3.24%	0.332%
8	11.203	1533	1539	1543	rBV3	47998	85441	2.23%	0.229%
9	11.282	1543	1552	1562	rVB4	94119	251342	6.56%	0.673%
10	11.380	1562	1568	1579	rBV	94016	169614	4.43%	0.454%
11	11.489	1579	1586	1592	rBV	262652	426648	11.14%	1.142%
12	11.593	1596	1603	1607	rBV	141215	246888	6.45%	0.661%
13	11.703	1611	1621	1631	rBV3	873207	1984428	51.82%	5.312%
14	11.776	1631	1633	1638	rVB2	70020	101455	2.65%	0.272%
15	11.843	1638	1644	1647	rBV2	35592	68117	1.78%	0.182%
16	11.928	1655	1658	1663	rVB3	43241	66965	1.75%	0.179%
17	12.026	1663	1674	1682	rBV	712917	1549875	40.47%	4.149%
18	12.123	1686	1690	1694	rVB	284795	378418	9.88%	1.013%
19	12.203	1694	1703	1705	rBV3	219767	436580	11.40%	1.169%
20	12.233	1705	1708	1714	rVB3	394293	700114	18.28%	1.874%
21	12.331	1714	1724	1728	rBV7	198086	436330	11.39%	1.168%
22	12.373	1728	1731	1734	rBV4	63369	84667	2.21%	0.227%
23	12.416	1734	1738	1740	rBV	153126	187096	4.89%	0.501%
24	12.483	1745	1749	1752	rBV2	218733	318999	8.33%	0.854%
25	12.526	1752	1756	1759	rVB	177654	208219	5.44%	0.557%
26	12.575	1760	1764	1768	rVB4	43371	66635	1.74%	0.178%
27	12.642	1771	1775	1783	rVB3	364629	712578	18.61%	1.908%
28	12.733	1783	1790	1793	rBV2	640678	1155806	30.18%	3.094%
29	12.764	1793	1795	1796	rVV2	163847	152128	3.97%	0.407%
30	12.806	1797	1802	1808	rVB2	2427625	3829520	100.00%	10.251%
31	12.861	1809	1811	1816	rVB2	183928	233720	6.10%	0.626%
32	12.916	1817	1820	1821	rBV	36444	41129	1.07%	0.110%
33	12.971	1821	1829	1833	rBV3	263303	743834	19.42%	1.991%
34	13.038	1836	1840	1848	rVB	753956	1166087	30.45%	3.122%
35	13.117	1848	1853	1858	rBV	1494257	2335325	60.98%	6.251%
36	13.166	1858	1861	1866	rBV3	120671	161161	4.21%	0.431%

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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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37	13.221	1867	1870	1873	rBV2	119361	183322	4.79%	0.491%
38	13.318	1879	1886	1890	rBV4	566243	1186428	30.98%	3.176%
39	13.361	1890	1893	1897	rVV3	427587	707208	18.47%	1.893%
40	13.398	1897	1899	1901	rVV	229403	271155	7.08%	0.726%
41	13.428	1901	1904	1906	rVV2	457004	666104	17.39%	1.783%
42	13.459	1906	1909	1913	rVB	813559	1064995	27.81%	2.851%
43	13.501	1913	1916	1921	rVB2	265635	333737	8.71%	0.893%
44	13.568	1923	1927	1930	rBV3	111735	181116	4.73%	0.485%
45	13.623	1932	1936	1940	rBV2	402552	544866	14.23%	1.459%
46	13.666	1940	1943	1950	rVB2	316474	444503	11.61%	1.190%
47	13.751	1952	1957	1962	rBV	1821651	2553244	66.67%	6.835%
48	13.806	1962	1966	1972	rBV3	287361	526132	13.74%	1.408%
49	13.885	1976	1979	1981	rVV	120417	158280	4.13%	0.424%
50	13.916	1981	1984	1989	rVB3	300708	392010	10.24%	1.049%
51	13.971	1989	1993	1997	rVB	345799	488210	12.75%	1.307%
52	14.013	1997	2000	2006	rVB3	168034	269289	7.03%	0.721%
53	14.080	2006	2011	2015	rBV3	352677	546828	14.28%	1.464%
54	14.135	2015	2020	2027	rVB6	165788	408577	10.67%	1.094%
55	14.215	2027	2033	2034	rBV4	174580	281439	7.35%	0.753%
56	14.269	2036	2042	2050	rBV8	195486	619159	16.17%	1.657%
57	14.379	2057	2060	2064	rVV3	198624	271386	7.09%	0.726%
58	14.422	2064	2067	2071	rVB3	167163	203509	5.31%	0.545%
59	14.568	2087	2091	2094	rBV	67766	130501	3.41%	0.349%
60	14.611	2094	2098	2103	rVV	702277	923297	24.11%	2.472%
61	14.672	2103	2108	2114	rVV2	469485	943817	24.65%	2.527%
62	14.733	2114	2118	2124	rVB2	277530	438219	11.44%	1.173%
63	14.873	2139	2141	2145	rVB	40177	45784	1.20%	0.123%
64	14.946	2149	2153	2156	rBV4	113273	165699	4.33%	0.444%
65	15.050	2165	2170	2175	rVB6	87402	156319	4.08%	0.418%
66	15.233	2190	2200	2207	rBV	772252	1472973	38.46%	3.943%
67	15.342	2214	2218	2223	rVB4	61209	101780	2.66%	0.272%
68	15.434	2229	2233	2241	rVB	166533	276528	7.22%	0.740%
69	15.544	2242	2251	2255	rVV8	28880	100739	2.63%	0.270%
70	15.605	2257	2261	2266	rVB4	46615	81235	2.12%	0.217%
71	16.025	2325	2330	2337	rVB8	20701	47278	1.23%	0.127%
72	16.293	2367	2374	2381	rBV	91593	201370	5.26%	0.539%
73	16.360	2381	2385	2392	rVB	31423	56934	1.49%	0.152%
74	16.489	2399	2406	2418	rVB	57805	147168	3.84%	0.394%

Sum of corrected areas: 37356296

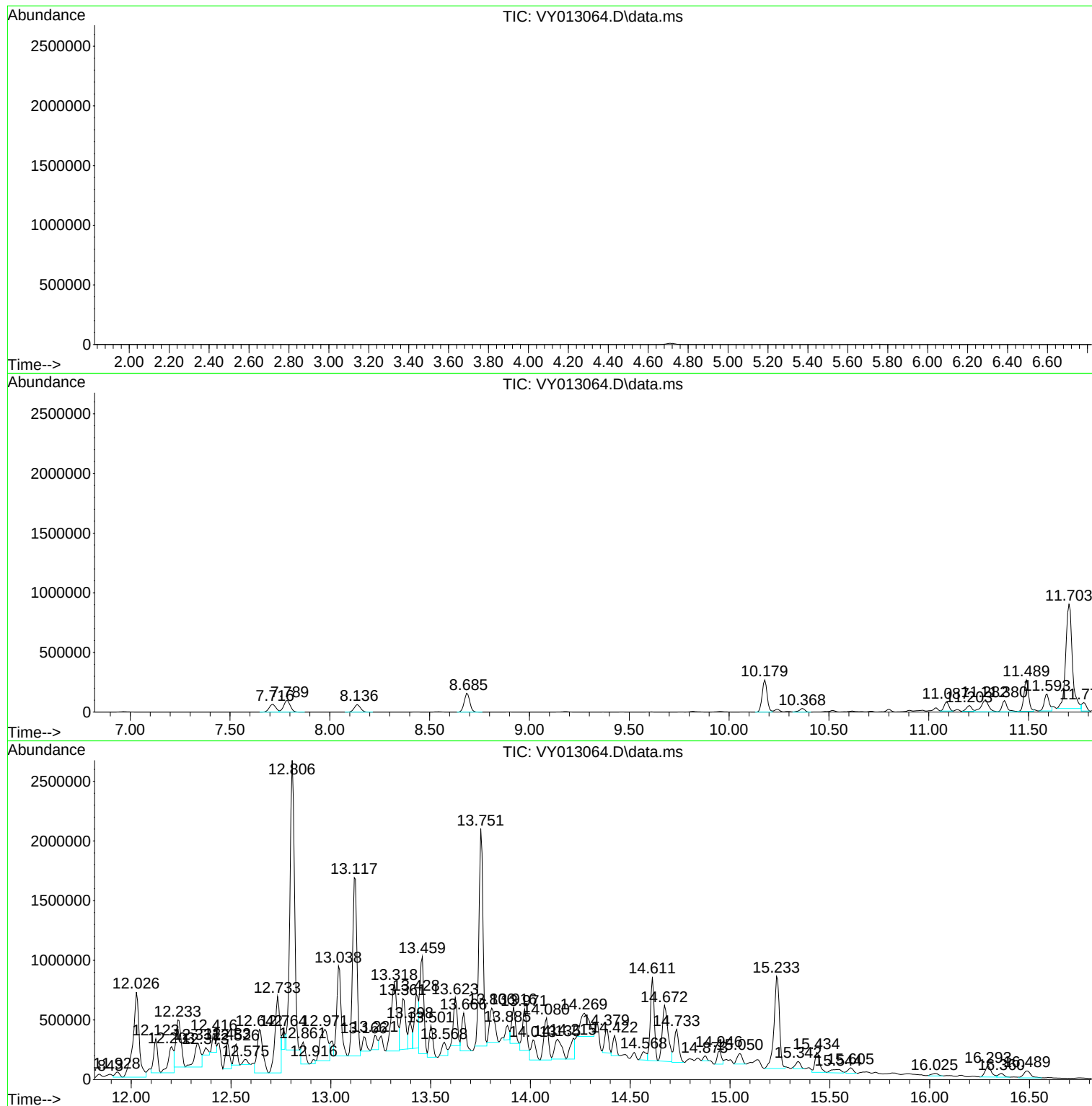
Instrument :
MSVOA_Y
ClientSampleId :
S-1

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Instrument :
MSVOA_Y
ClientSampleId :
S-1

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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Data File : VY013064.D
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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1

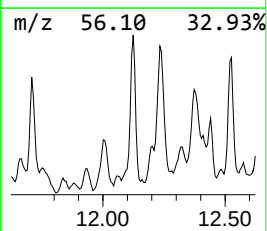
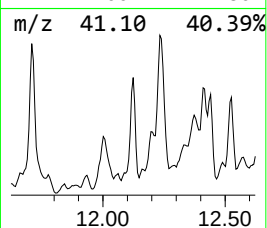
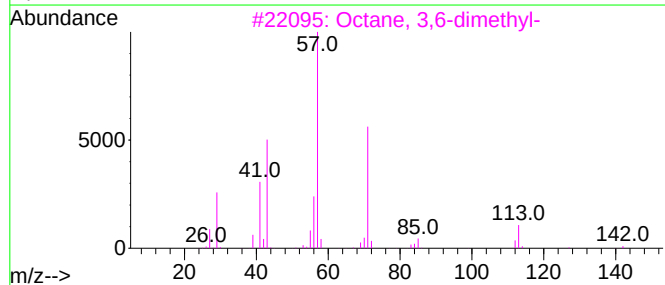
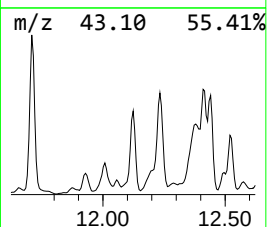
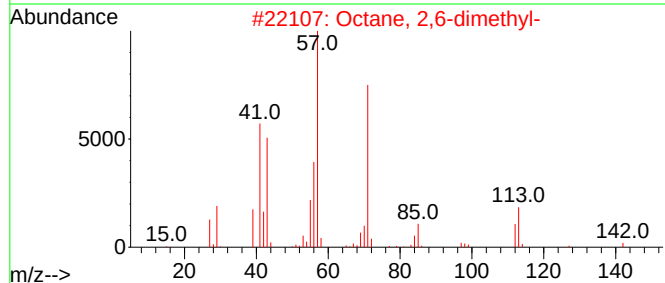
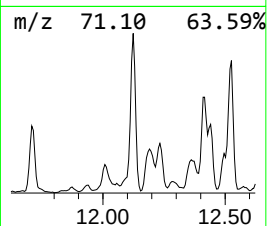
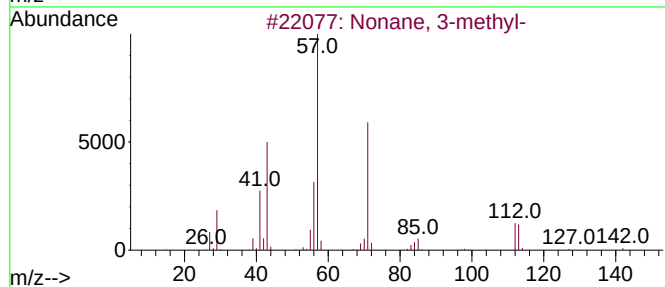
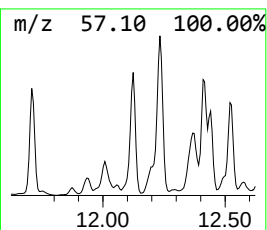
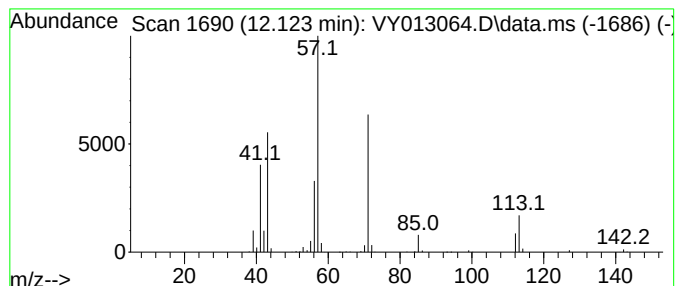
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.123	44.35 ug/l	378418	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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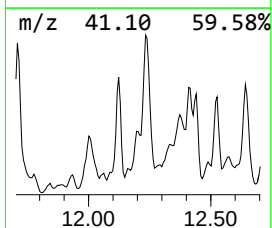
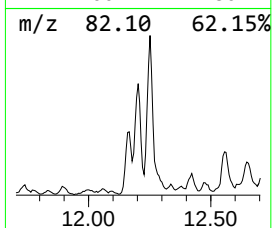
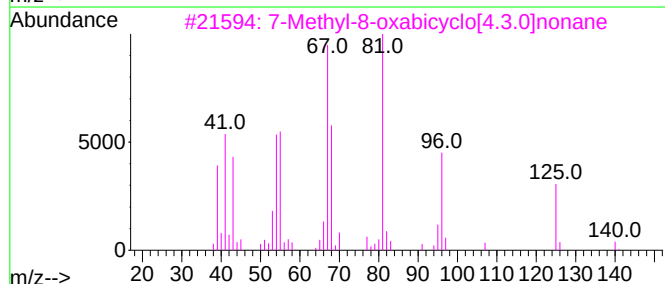
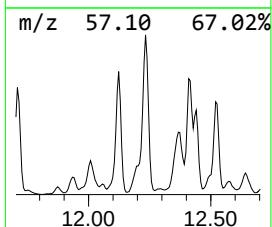
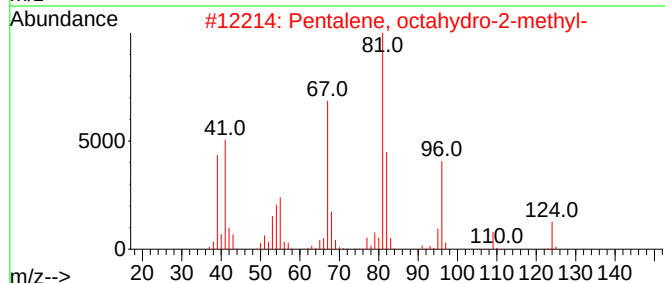
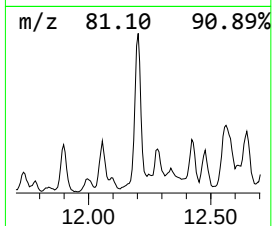
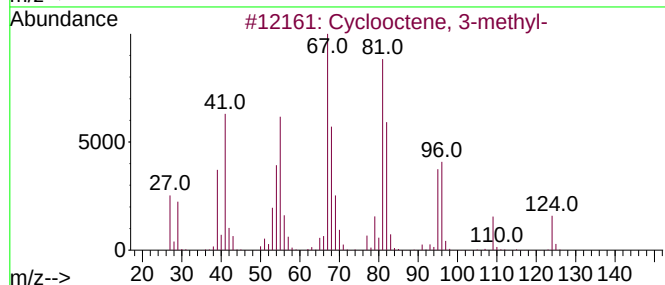
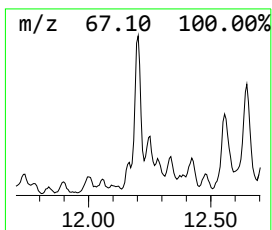
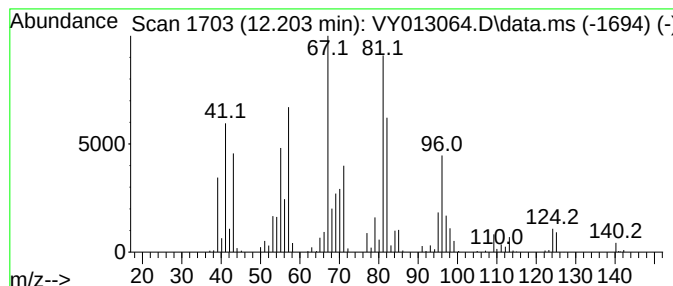
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclooctene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	51.16 ug/l	436580	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	64
2			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	60
3			7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	52
4			1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
5			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	38



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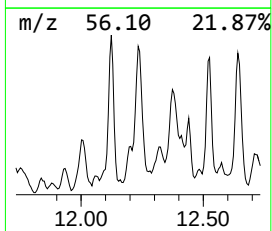
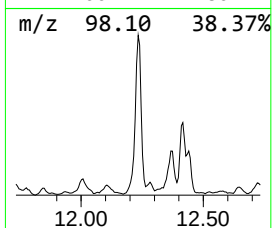
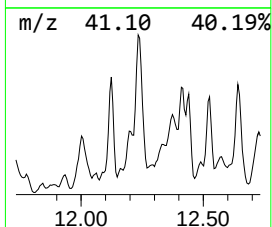
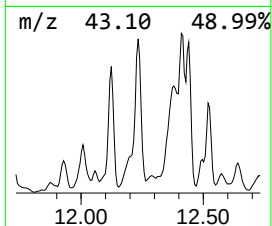
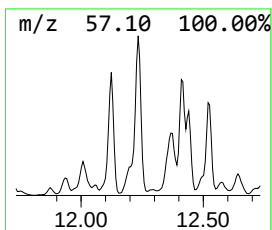
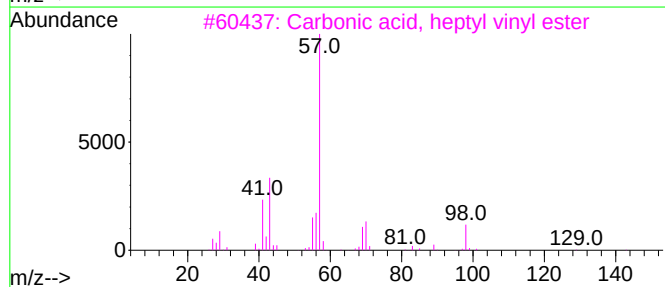
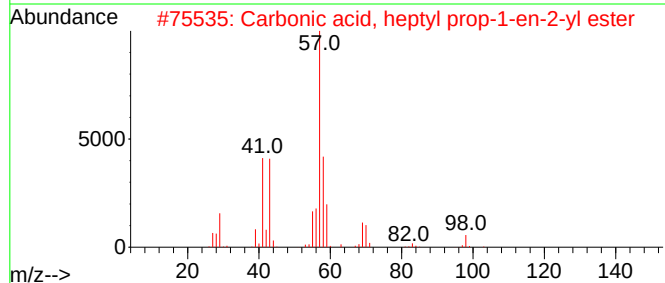
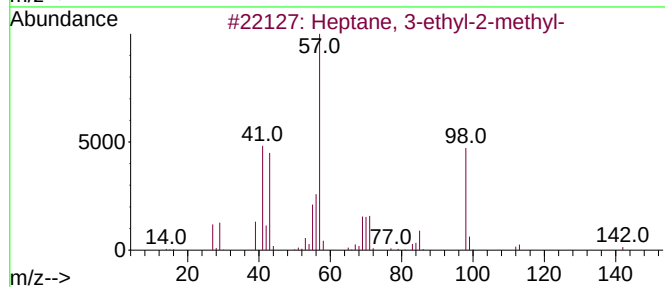
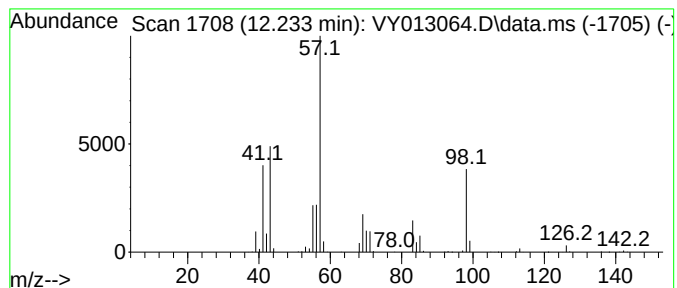
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	82.05 ug/l	700114	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	68
2			Carbonic acid, heptyl prop-1-en-...	200	C11H20O3	1000382-54-1	53
3			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53
4			Octane, 3-methyl-	128	C9H20	002216-33-3	47
5			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	45



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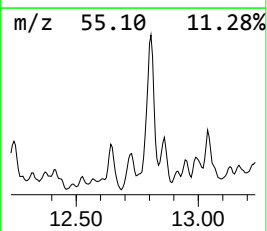
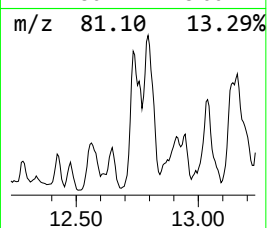
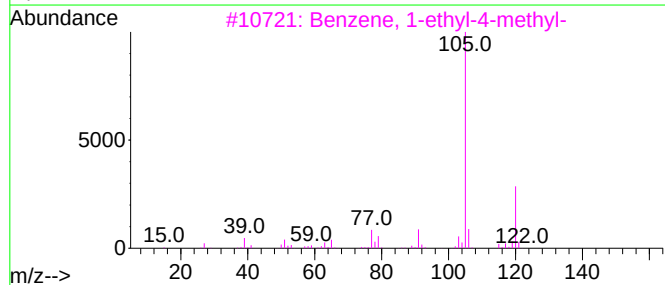
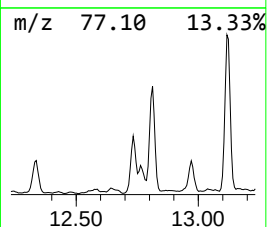
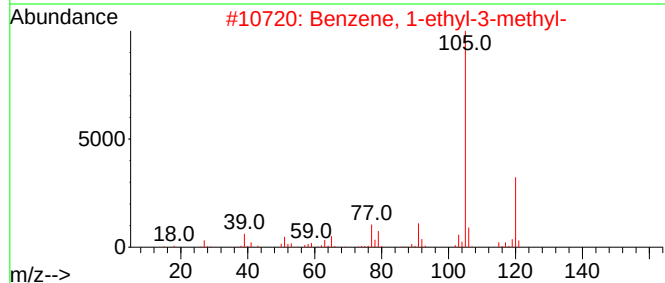
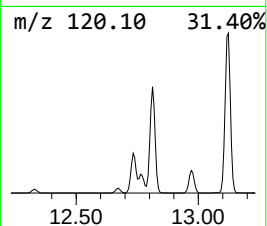
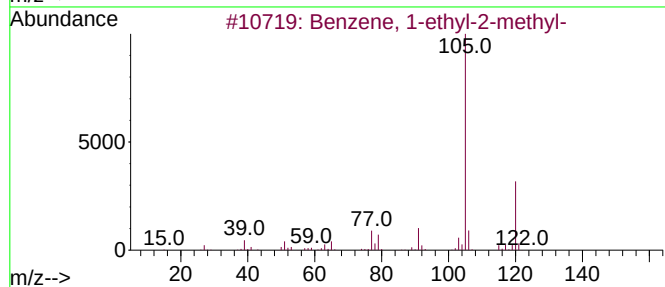
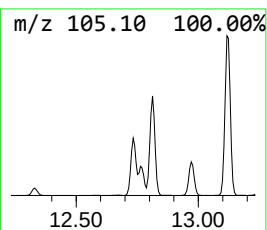
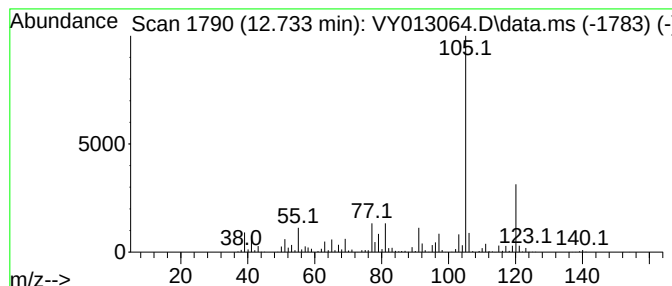
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	86.76 ug/l	1155810	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
4			Mesitylene	120	C9H12	000108-67-8	70
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1

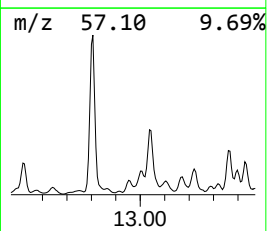
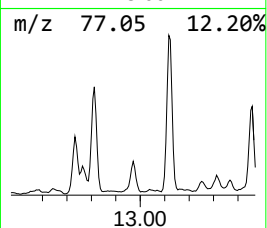
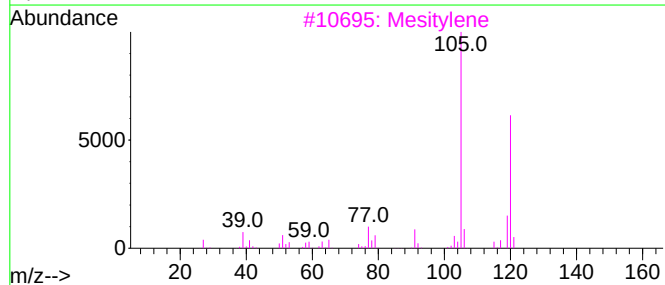
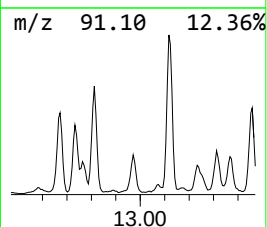
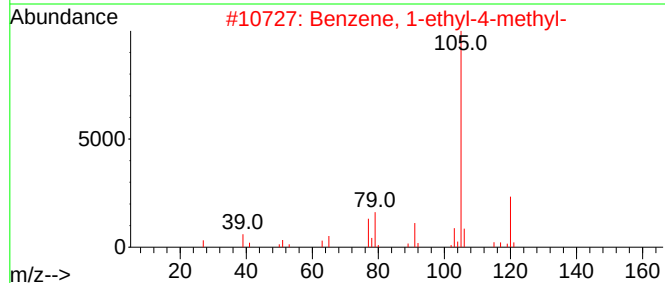
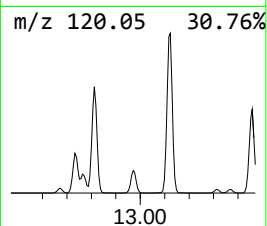
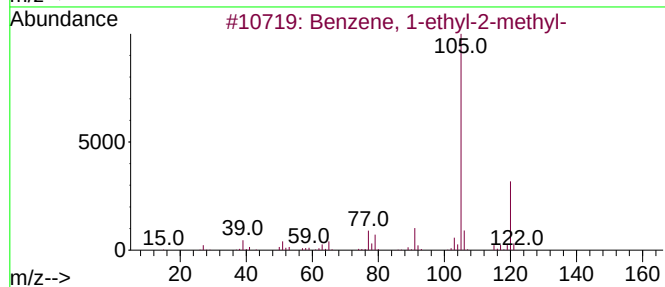
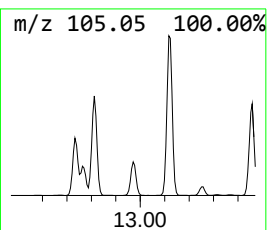
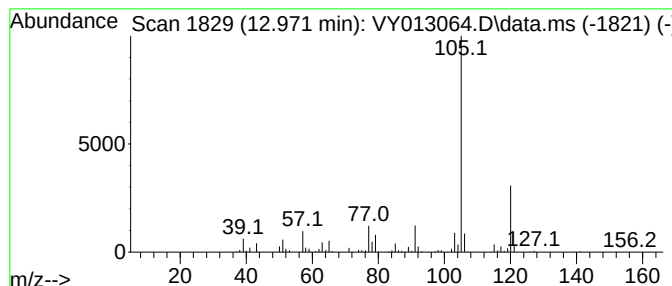
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	55.83 ug/l	743834	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3			Mesitylene	120	C9H12	000108-67-8	81
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1

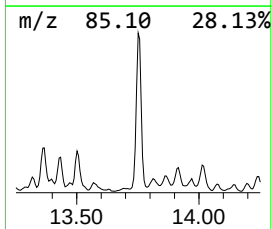
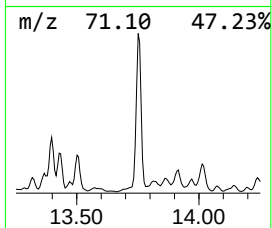
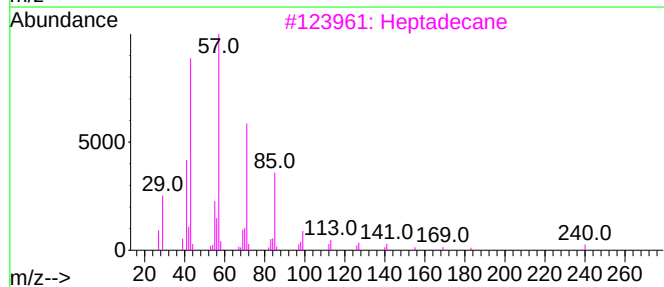
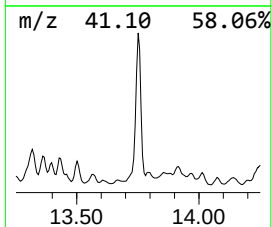
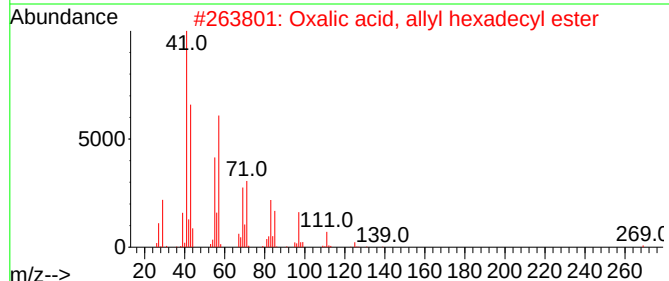
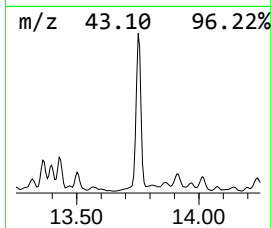
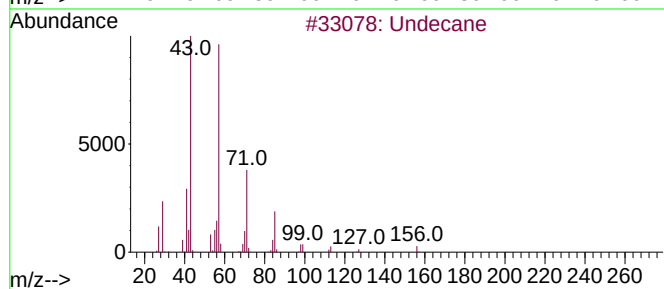
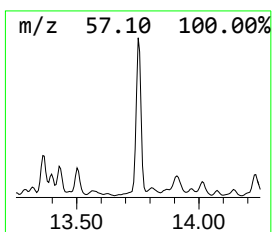
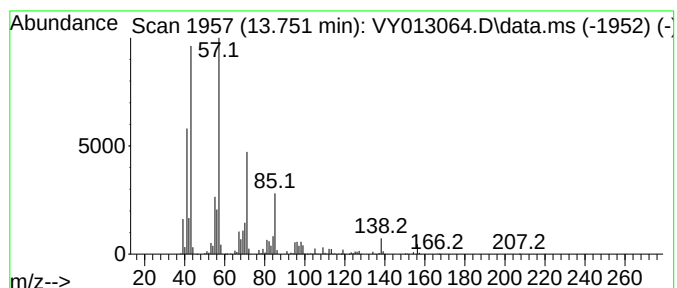
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Quant Title : SW846 8260

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

Peak Number 6 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	191.66 ug/l	2553240	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	87
2	Oxalic acid, allyl hexadecyl ester			354	C21H38O4	1000309-24-4	80
3	Heptadecane			240	C17H36	000629-78-7	59
4	Carbonic acid, undecyl vinyl ester			242	C14H26O3	1000382-54-9	59
5	Undecane, 2,3-dimethyl-			184	C13H28	017312-77-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1

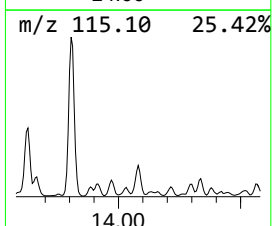
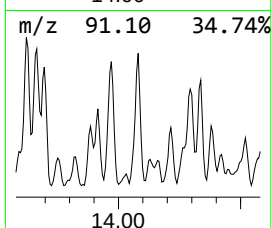
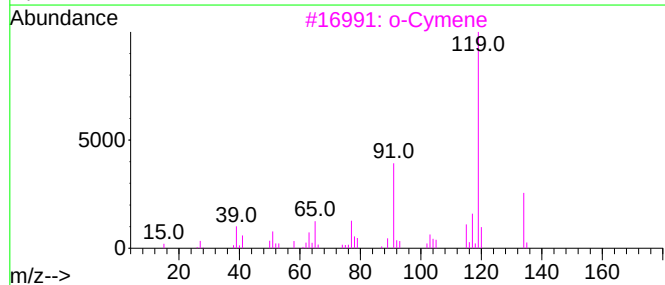
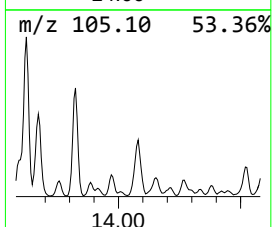
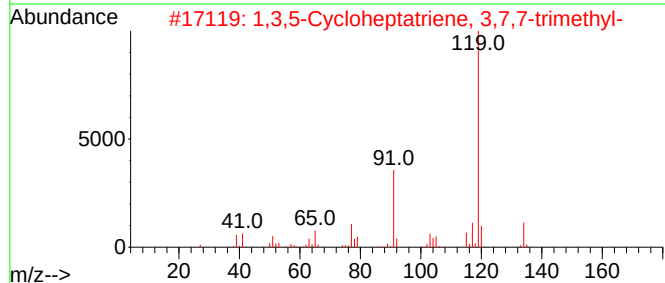
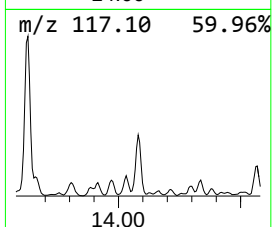
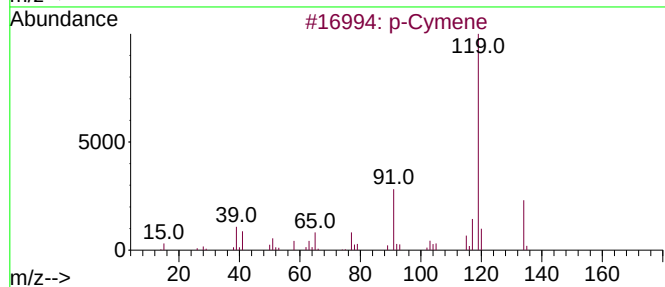
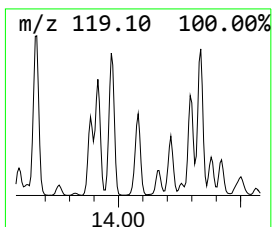
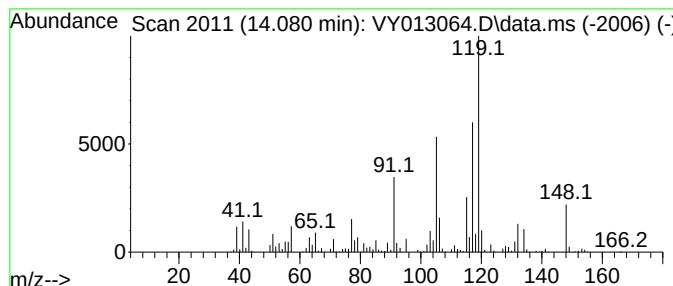
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.080 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	41.05 ug/l	546828	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	46
2			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46
3			o-Cymene	134	C10H14	000527-84-4	46
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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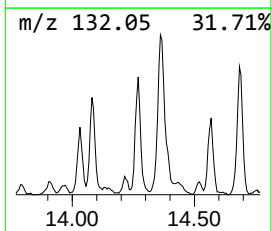
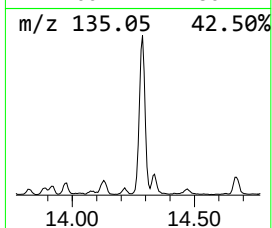
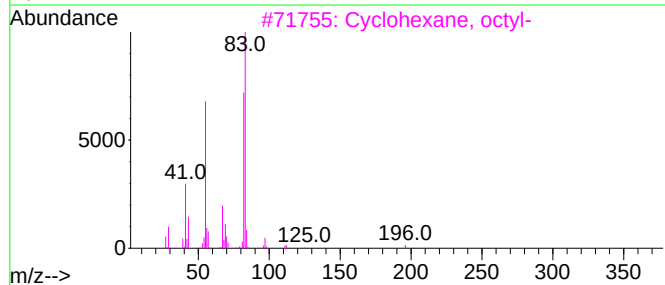
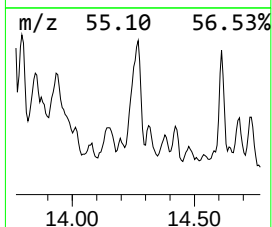
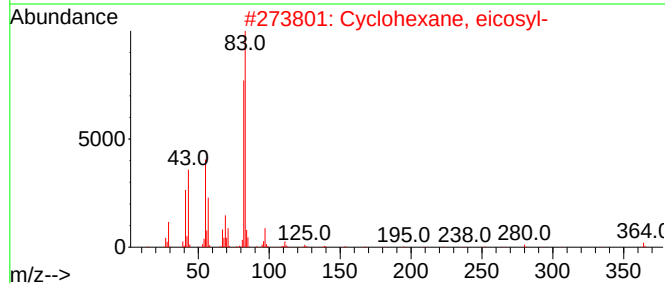
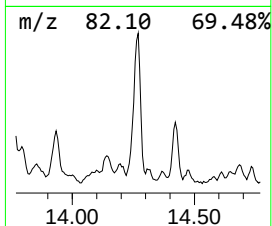
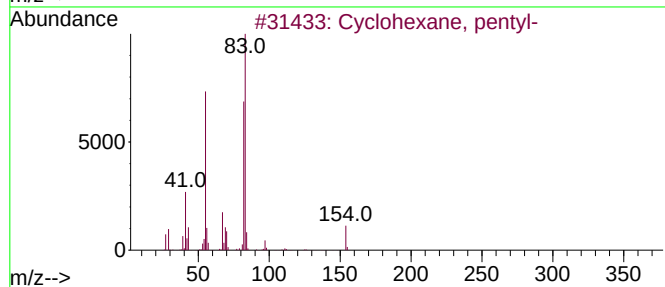
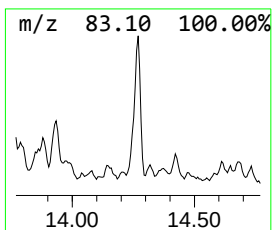
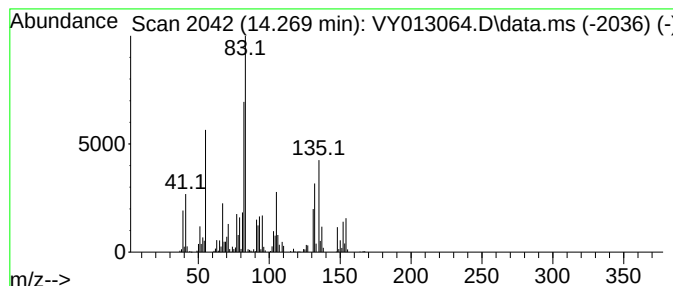
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Quant Title : SW846 8260

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

Peak Number 8 unknown14.269 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	46.48 ug/l	619159	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
2			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	35
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	35
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1

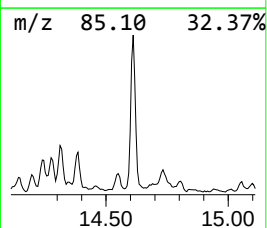
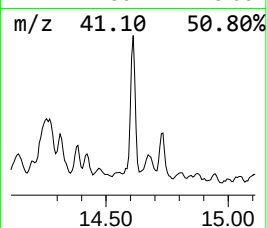
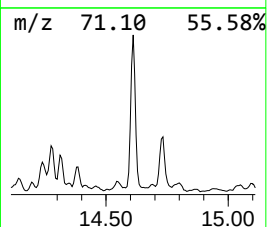
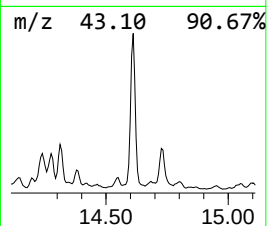
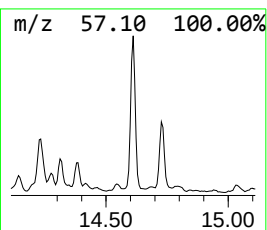
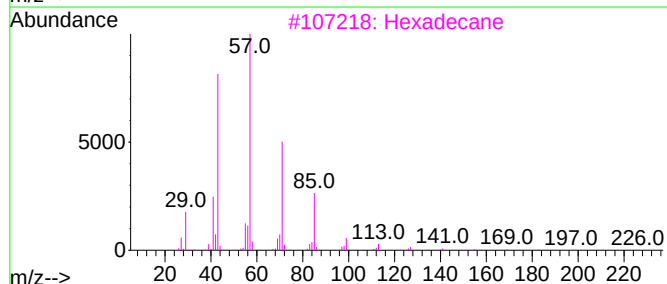
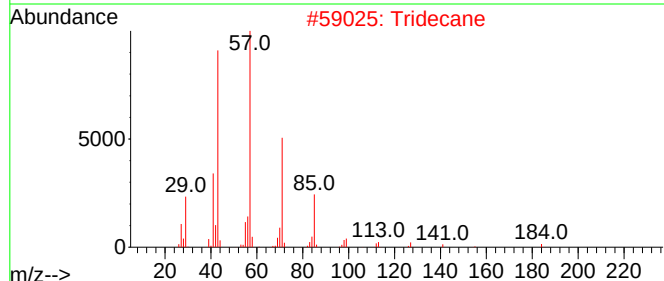
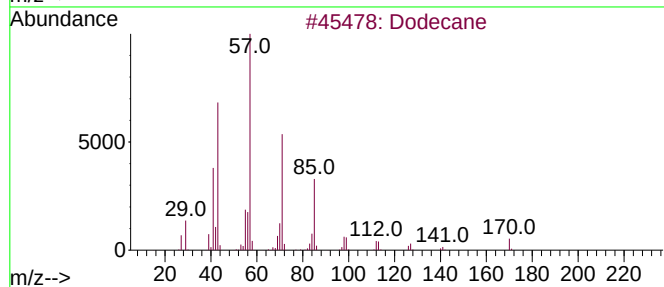
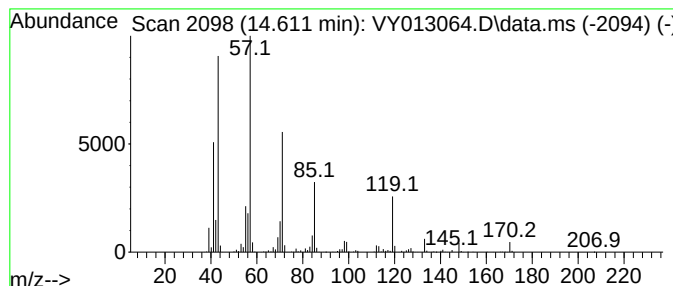
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	69.31 ug/l	923297	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Tridecane	184	C13H28	000629-50-5	58
3	Hexadecane	226	C16H34	000544-76-3	53
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
5	Undecane	156	C11H24	001120-21-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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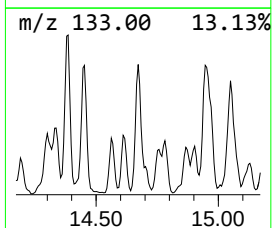
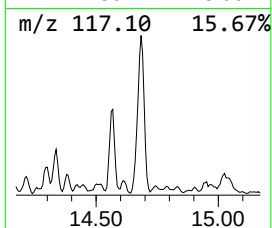
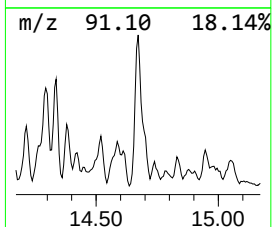
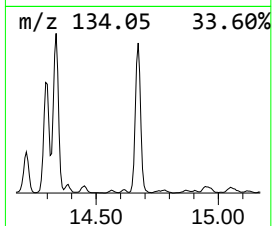
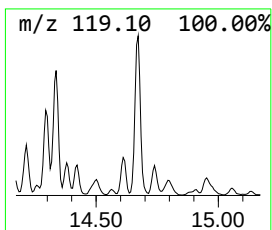
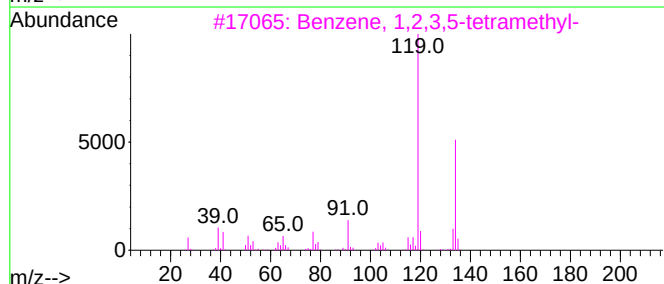
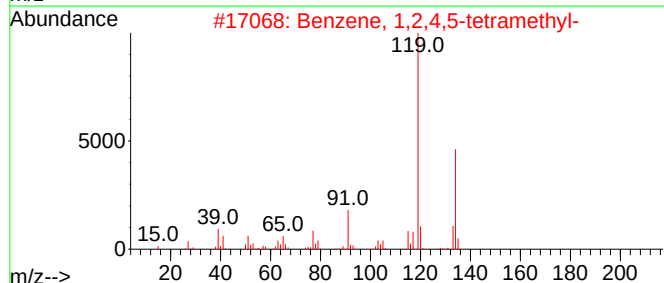
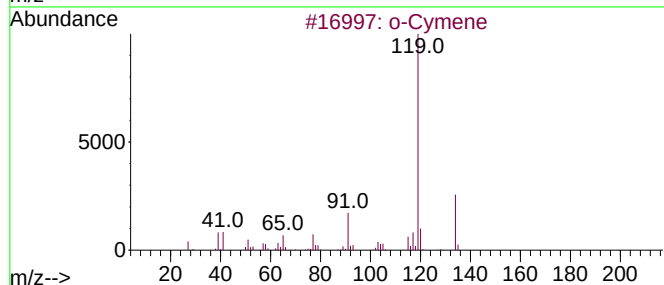
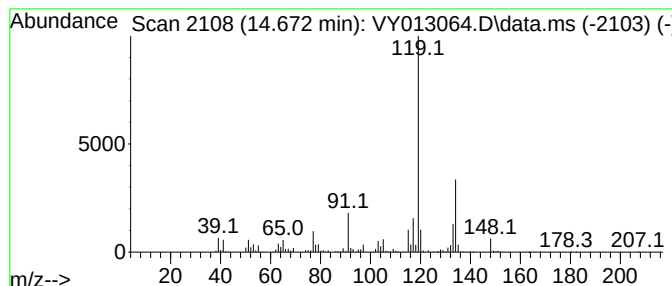
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Quant Title : SW846 8260

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

Peak Number 10 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	70.85 ug/l	943817	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013064.D
Acq On : 23 Mar 2023 16:48
Operator : KP/MD
Sample : 02032-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1

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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Cyclooctene, 3-...	12.203	51.2	ug/l	436580	3	11.489	426648	50.0
Heptane, 3-ethy...	12.233	82.0	ug/l	700114	3	11.489	426648	50.0
Benzene, 1-ethy...	12.733	86.8	ug/l	1155810	4	13.428	666104	50.0
Benzene, 1-ethy...	12.971	55.8	ug/l	743834	4	13.428	666104	50.0
Undecane	13.751	191.7	ug/l	2553240	4	13.428	666104	50.0
unknown14.080	14.080	41.0	ug/l	546828	4	13.428	666104	50.0
unknown14.269	14.269	46.5	ug/l	619159	4	13.428	666104	50.0
Dodecane	14.611	69.3	ug/l	923297	4	13.428	666104	50.0
o-Cymene	14.672	70.8	ug/l	943817	4	13.428	666104	50.0