

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007360.D
 Acq On : 02 Feb 2022 17:32
 Operator : SY/MD
 Sample : N1303-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CC-7

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\82Y02022221S.M
 Title : SW846 8260

Signal : TIC: VY007360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.789	973	979	988	rVB	125143	281444	1.63%	0.231%
2	8.691	1118	1127	1139	rVB	194729	389629	2.26%	0.319%
3	10.179	1364	1371	1378	rBV	319982	542448	3.15%	0.444%
4	11.276	1543	1551	1562	rVB3	163943	428154	2.49%	0.351%
5	11.380	1562	1568	1578	rBV	191045	307639	1.79%	0.252%
6	11.490	1578	1586	1595	rBV	290457	498557	2.90%	0.408%
7	11.593	1595	1603	1611	rVV	1170462	2009850	11.67%	1.647%
8	11.697	1611	1620	1630	rVV	6208229	11593886	67.34%	9.499%
9	11.776	1630	1633	1639	rVB2	198219	312305	1.81%	0.256%
10	11.929	1654	1658	1663	rVB2	172039	276951	1.61%	0.227%
11	12.026	1663	1674	1682	rBV	2700033	5408176	31.41%	4.431%
12	12.124	1685	1690	1694	rVB	698459	976455	5.67%	0.800%
13	12.203	1694	1703	1705	rBV4	597351	1211140	7.03%	0.992%
14	12.239	1705	1709	1714	rVB4	713397	1411146	8.20%	1.156%
15	12.325	1719	1723	1727	rVV2	508621	891794	5.18%	0.731%
16	12.374	1727	1731	1734	rVV4	486153	978439	5.68%	0.802%
17	12.410	1734	1737	1741	rVV	740504	1283844	7.46%	1.052%
18	12.483	1745	1749	1752	rBV4	220231	323280	1.88%	0.265%
19	12.520	1752	1755	1759	rBV	328278	423948	2.46%	0.347%
20	12.569	1759	1763	1767	rBV3	112914	187568	1.09%	0.154%
21	12.666	1776	1779	1784	rVB	1284666	1936110	11.24%	1.586%
22	12.733	1784	1790	1793	rBV	5260895	8128173	47.21%	6.659%
23	12.770	1793	1796	1798	rVV	2331790	3467264	20.14%	2.841%
24	12.806	1798	1802	1808	rVV2	6237663	10350744	60.12%	8.480%
25	12.861	1808	1811	1816	rVB2	508962	755995	4.39%	0.619%
26	12.971	1821	1829	1836	rBV	1657557	3736303	21.70%	3.061%
27	13.038	1836	1840	1847	rVB	1919264	2810829	16.33%	2.303%
28	13.117	1847	1853	1859	rBV	11306676	17217569	100.00%	14.106%
29	13.166	1859	1861	1866	rVB2	326707	367176	2.13%	0.301%
30	13.227	1866	1871	1872	rBV2	274856	416890	2.42%	0.342%
31	13.319	1878	1886	1890	rBV4	1397970	2781072	16.15%	2.279%
32	13.361	1890	1893	1897	rVV3	990504	1575573	9.15%	1.291%
33	13.398	1897	1899	1901	rVV	393170	463554	2.69%	0.380%
34	13.453	1901	1908	1913	rVV	3773302	6427595	37.33%	5.266%
35	13.495	1913	1915	1922	rVV4	335626	498138	2.89%	0.408%
36	13.593	1923	1931	1932	rVV2	817860	1317019	7.65%	1.079%

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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 >

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37	13.623	1932	1936	1939	rVV	2430091	3755310	21.81%	3.077%
38	13.666	1939	1943	1951	rVV3	1687943	3195010	18.56%	2.618%
39	13.751	1951	1957	1961	rVV	2301092	3546840	20.60%	2.906%
40	13.818	1961	1968	1972	rVV3	635298	1664946	9.67%	1.364%
41	13.879	1975	1978	1981	rVV	877246	1475546	8.57%	1.209%
42	13.916	1981	1984	1988	rVV	1083692	1677765	9.74%	1.375%
43	13.971	1988	1993	1998	rVV	1552734	2324098	13.50%	1.904%
44	14.020	1998	2001	2005	rVV2	195445	327188	1.90%	0.268%
45	14.074	2005	2010	2015	rVB3	965887	1497252	8.70%	1.227%
46	14.135	2015	2020	2027	rVB6	211919	595267	3.46%	0.488%
47	14.215	2027	2033	2036	rBV3	438950	804463	4.67%	0.659%
48	14.257	2036	2040	2043	rVV3	437759	916607	5.32%	0.751%
49	14.294	2043	2046	2049	rVV	564559	891800	5.18%	0.731%
50	14.331	2049	2052	2056	rVV	785056	1073340	6.23%	0.879%
51	14.379	2056	2060	2063	rVV2	271197	364624	2.12%	0.299%
52	14.416	2063	2066	2074	rVV3	317317	528932	3.07%	0.433%
53	14.520	2078	2083	2086	rVB2	175351	254839	1.48%	0.209%
54	14.562	2086	2090	2094	rBV3	146808	249936	1.45%	0.205%
55	14.611	2094	2098	2102	rVB	331177	468167	2.72%	0.384%
56	14.672	2102	2108	2115	rBV2	831159	1664075	9.66%	1.363%
57	14.733	2115	2118	2125	rVB4	171076	301525	1.75%	0.247%
58	14.830	2130	2134	2139	rVB	156221	229476	1.33%	0.188%
59	15.050	2165	2170	2176	rVB3	97366	204673	1.19%	0.168%
60	15.233	2189	2200	2207	rVB	1089209	1859283	10.80%	1.523%
61	16.288	2366	2373	2382	rBV	96633	198453	1.15%	0.163%

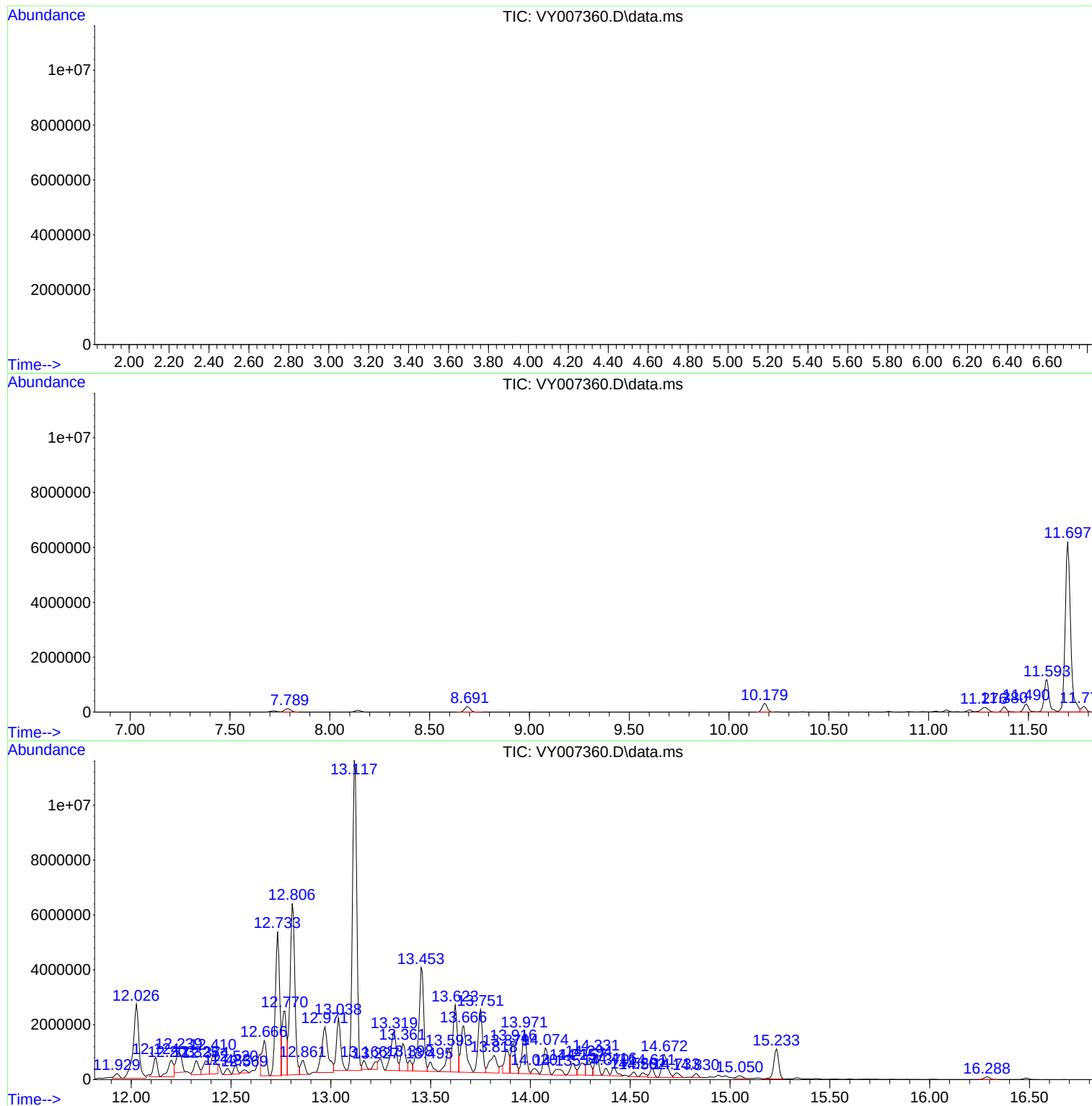
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_Y
ClientSampleId :
CC-7

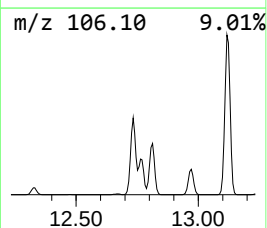
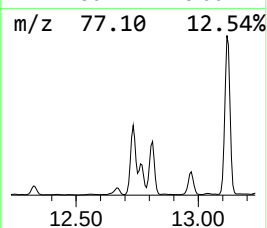
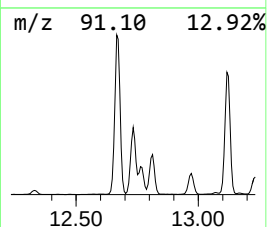
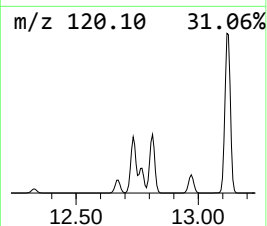
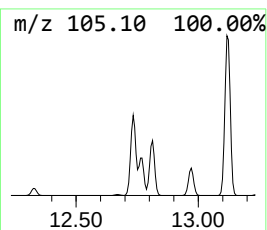
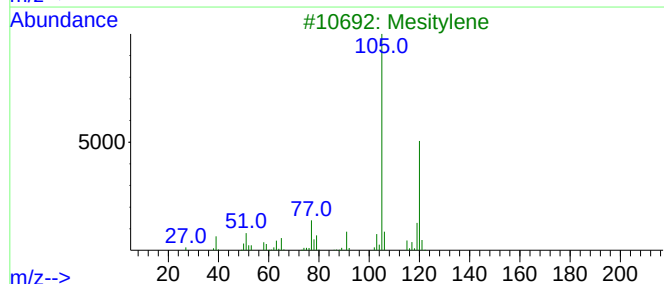
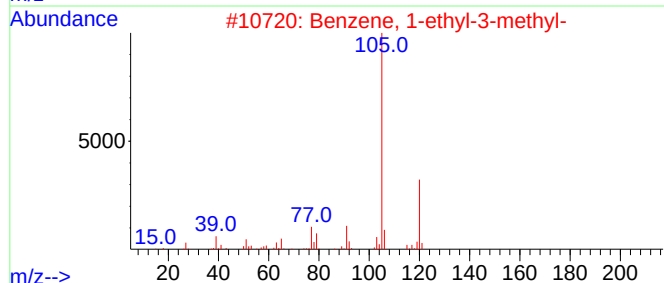
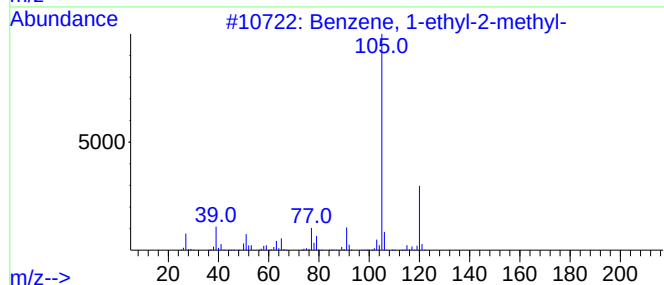
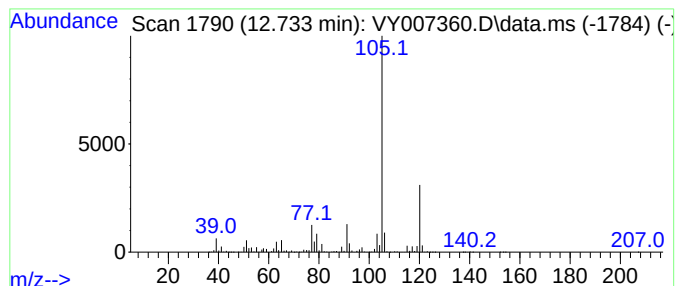
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y0202221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	876.72 ug/l	8128170	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	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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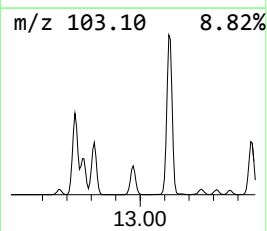
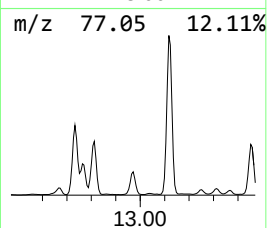
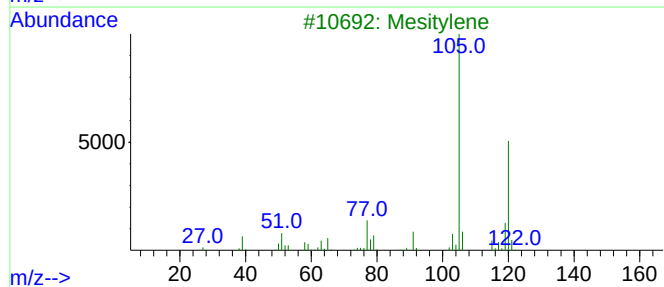
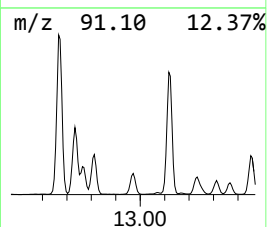
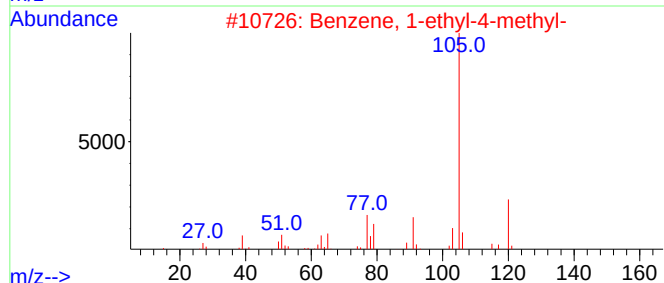
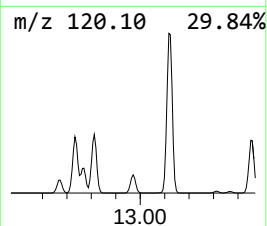
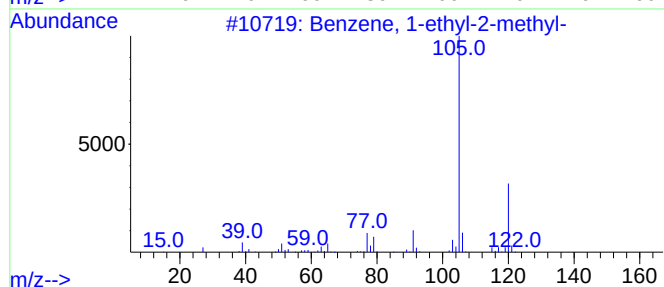
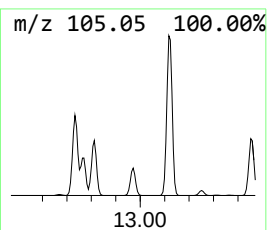
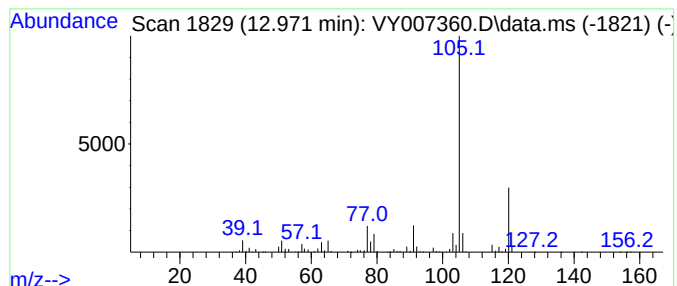
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y0202221S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	403.01 ug/l	3736300	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	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



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Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

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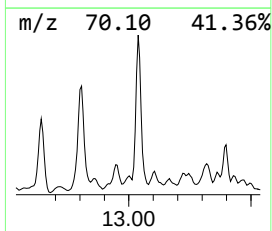
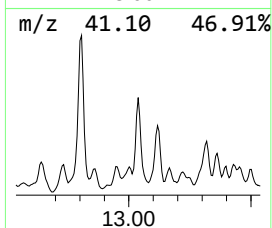
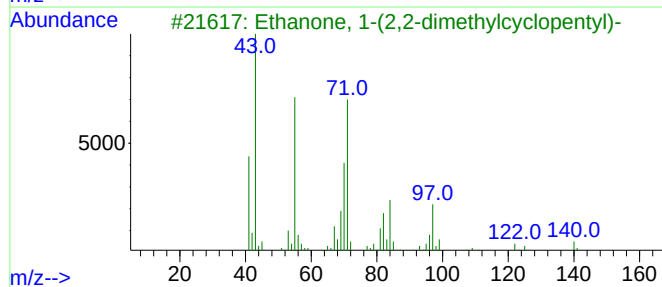
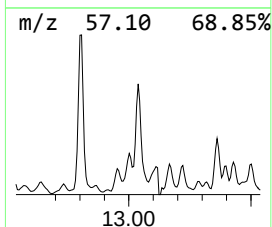
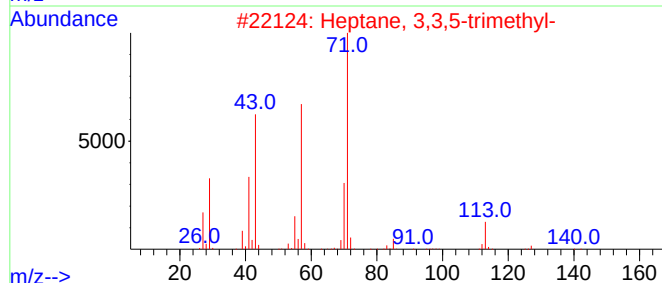
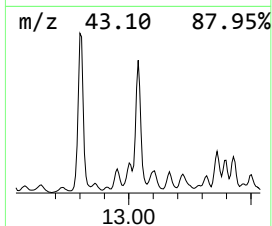
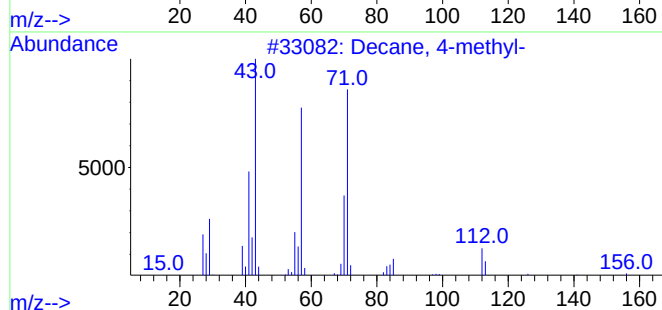
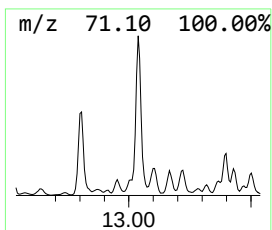
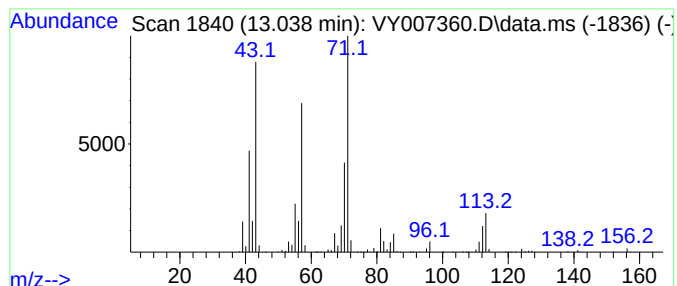
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	303.18 ug/l	2810830	1,4-Dichlorobenzene-d4	13.422

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			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	59
4			n-Amyl ether	158	C10H22O	000693-65-2	53
5			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	47



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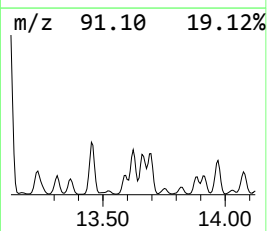
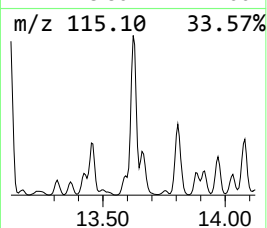
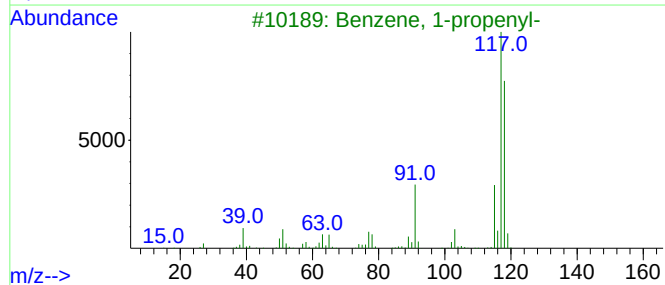
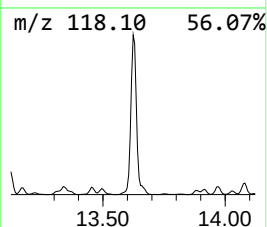
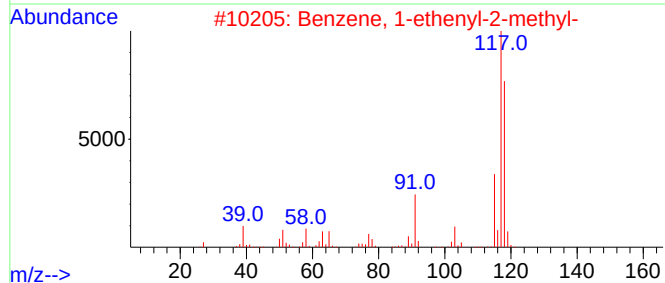
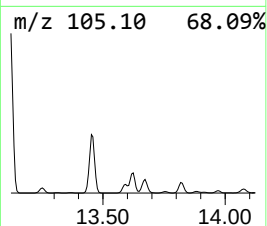
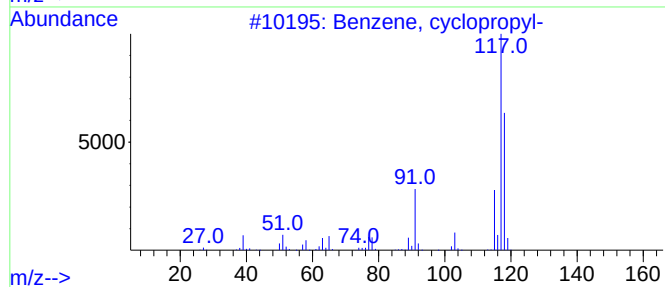
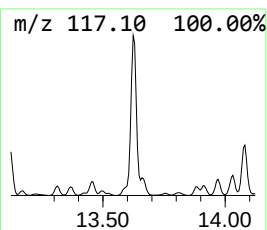
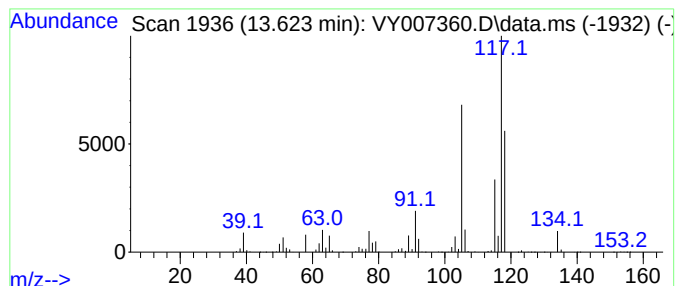
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	405.06 ug/l	3755310	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
5			Indane	118	C9H10	000496-11-7	62



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CC-7

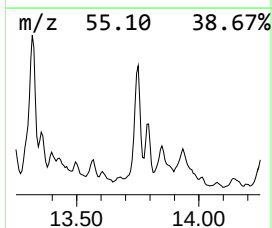
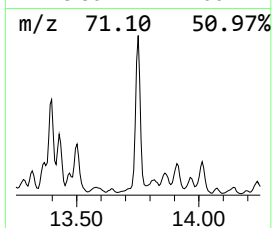
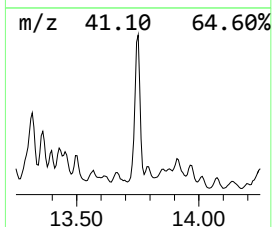
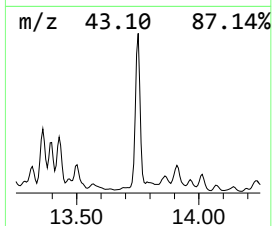
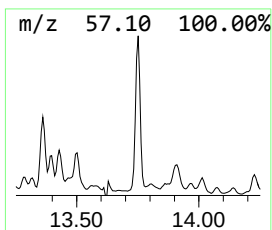
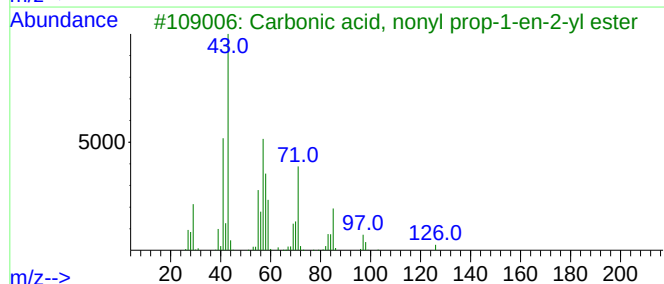
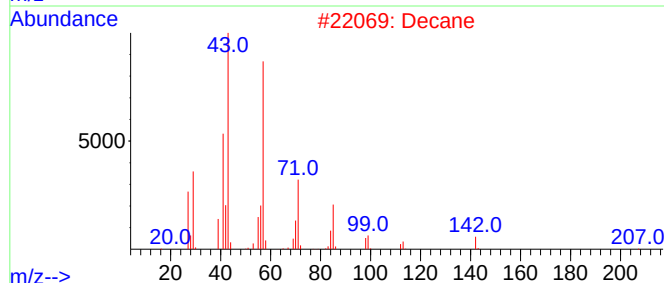
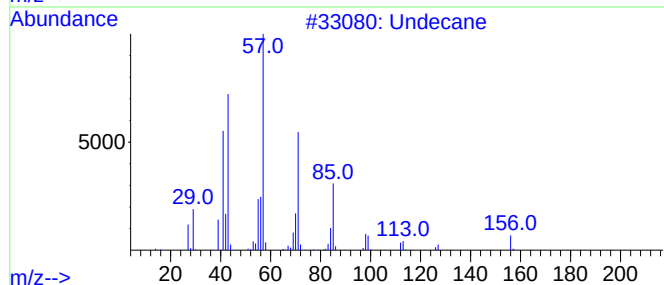
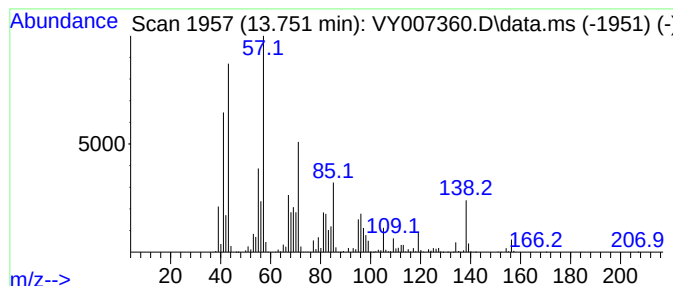
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	382.57 ug/l	3546840	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	94
2	Decane			142	C10H22	000124-18-5	46
3	Carbonic acid, nonyl prop-1-en-2...			228	C13H24O3	1000382-53-9	43
4	Carbonic acid, prop-1-en-2-yl tr...			284	C17H32O3	1000382-90-8	43
5	Carbonic acid, nonyl vinyl ester			214	C12H22O3	1000383-25-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007360.D
Acq On : 02 Feb 2022 17:32
Operator : SY/MD
Sample : N1303-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-7

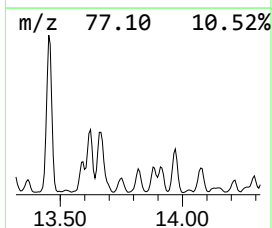
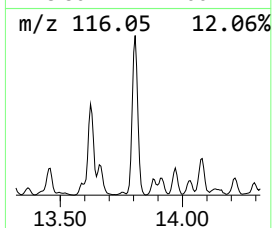
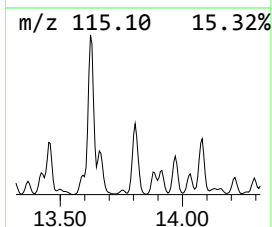
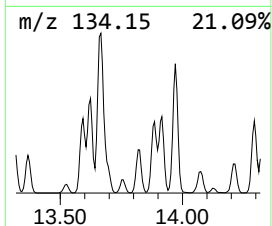
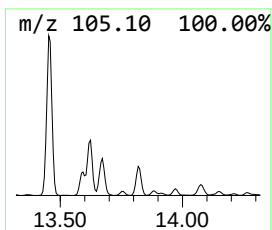
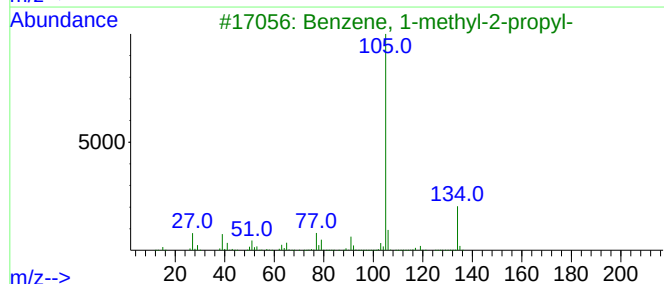
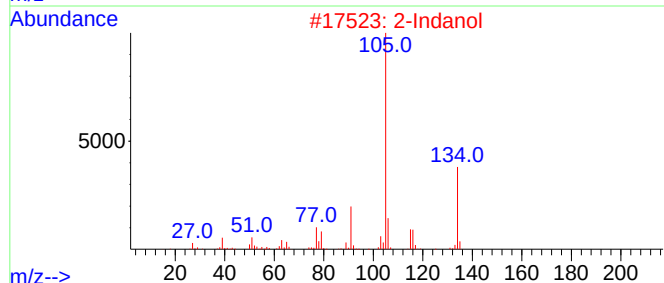
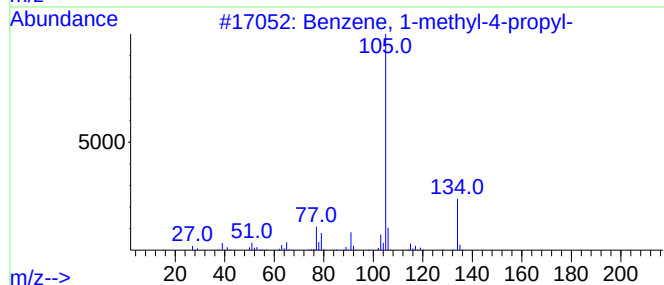
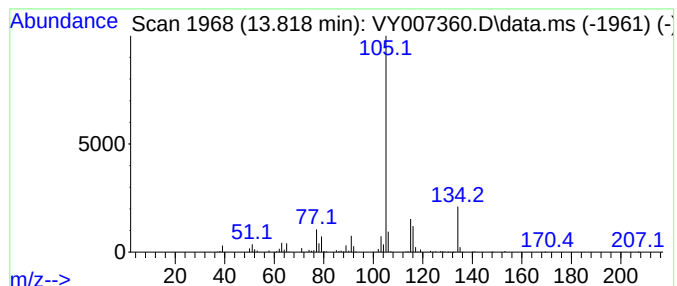
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.818	179.59 ug/l	1664950	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2			2-Indanol	134	C9H10O	004254-29-9	80
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007360.D
Acq On : 02 Feb 2022 17:32
Operator : SY/MD
Sample : N1303-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-7

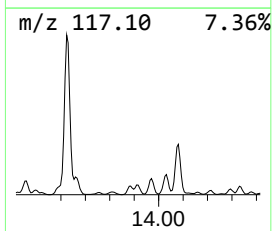
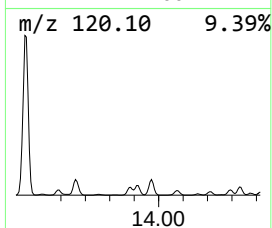
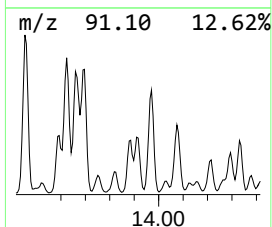
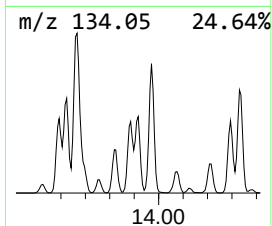
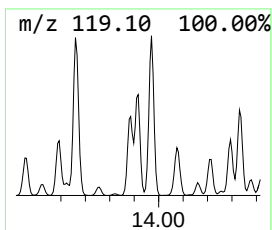
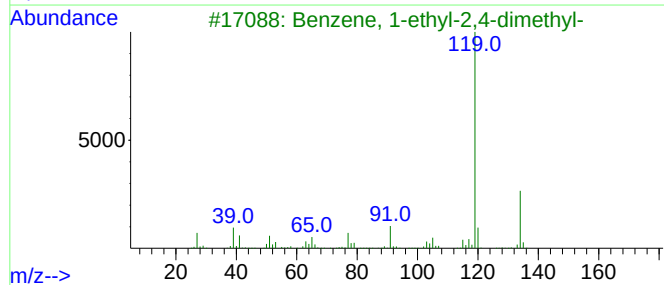
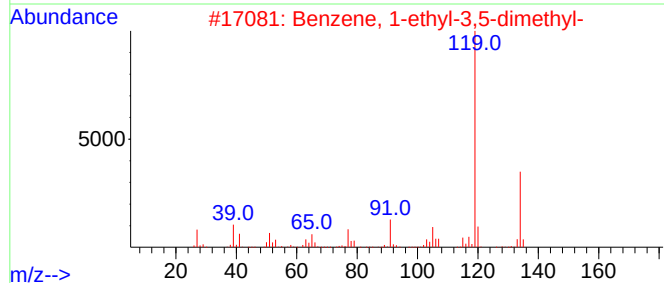
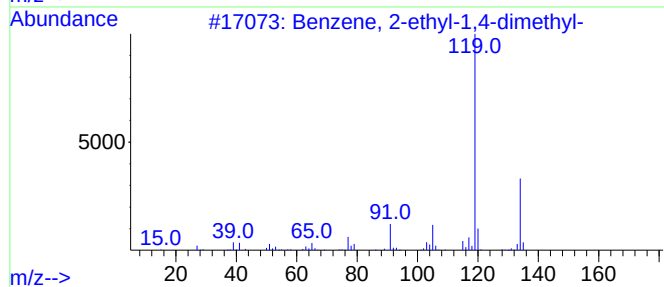
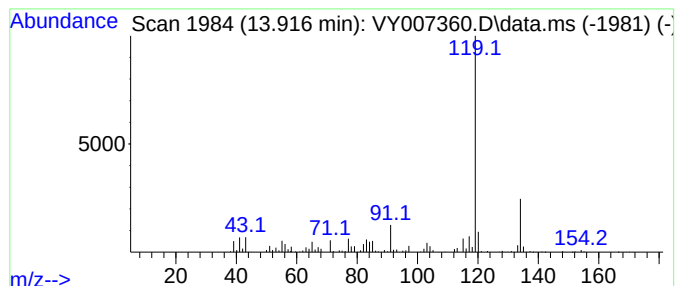
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.916	180.97 ug/l	1677770	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007360.D
Acq On : 02 Feb 2022 17:32
Operator : SY/MD
Sample : N1303-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-7

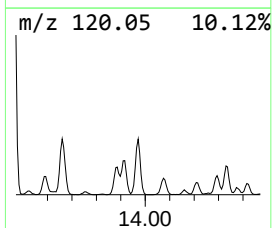
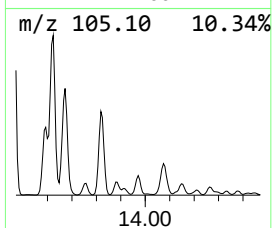
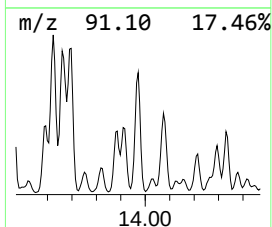
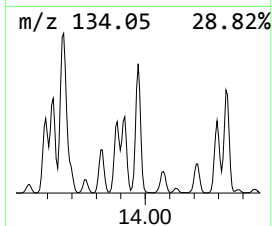
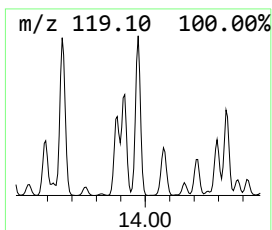
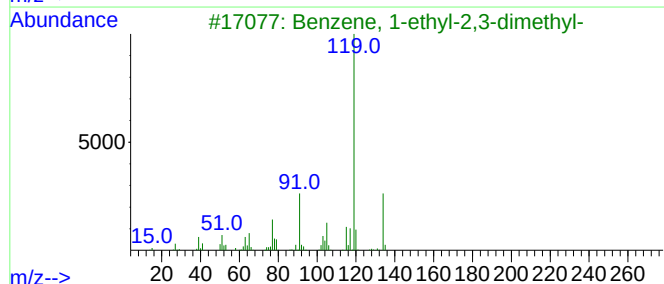
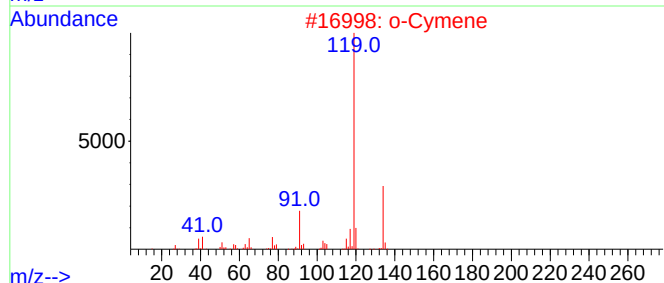
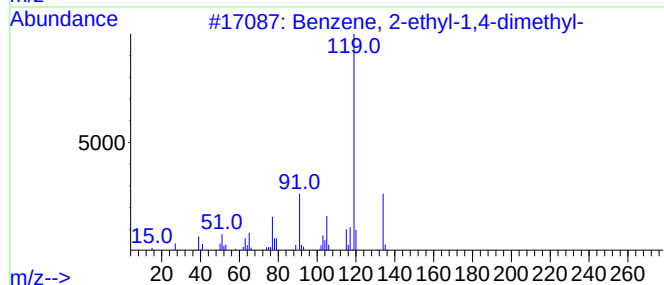
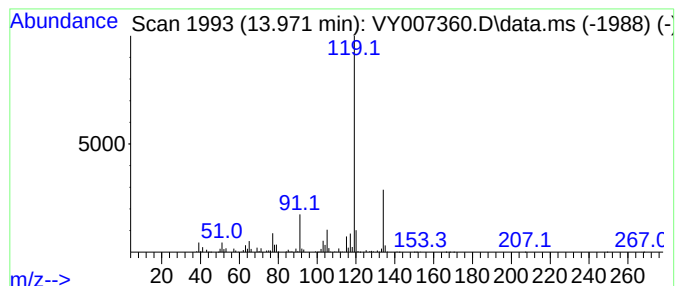
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	250.68 ug/l	2324100	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007360.D
Acq On : 02 Feb 2022 17:32
Operator : SY/MD
Sample : N1303-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-7

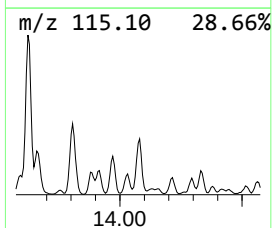
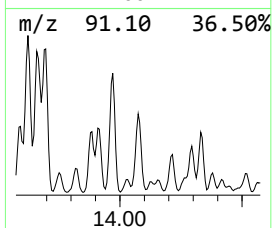
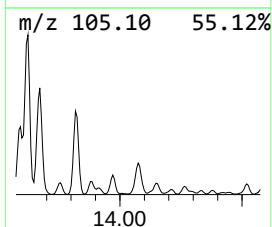
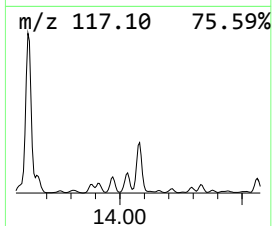
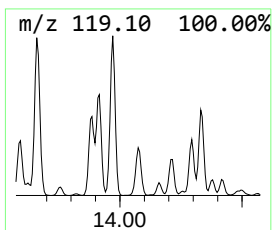
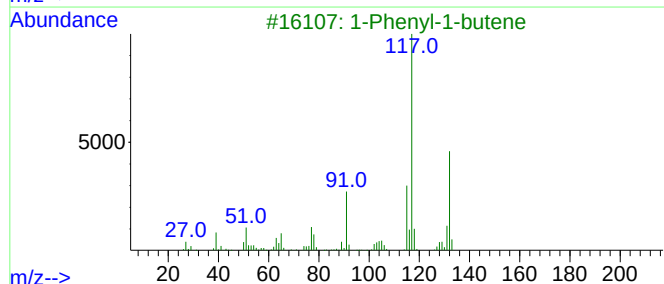
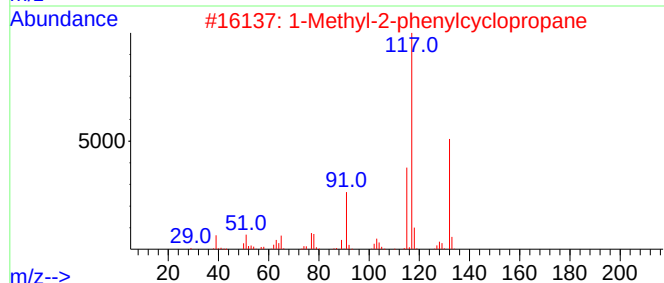
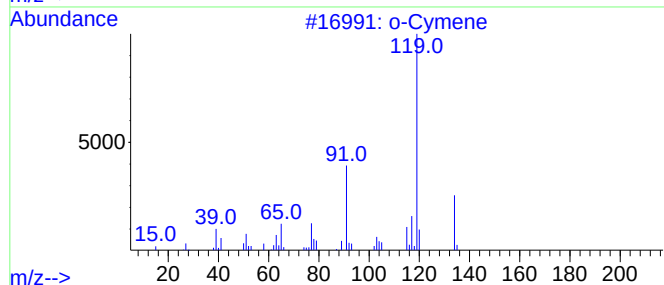
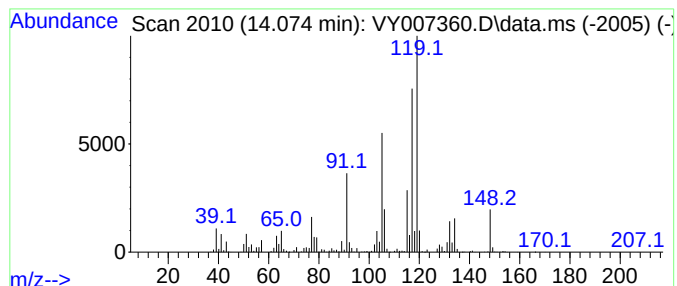
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Quant Title : SW846 8260

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

Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.075	161.50 ug/l	1497250	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	50
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	46
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	46
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007360.D
Acq On : 02 Feb 2022 17:32
Operator : SY/MD
Sample : N1303-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-7

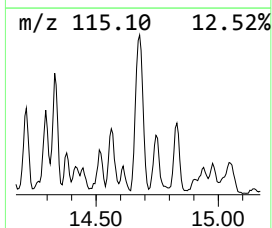
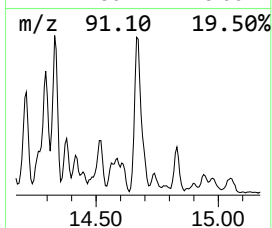
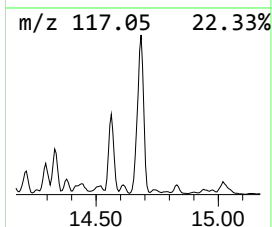
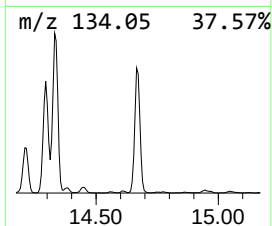
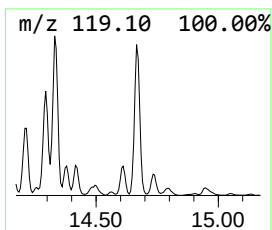
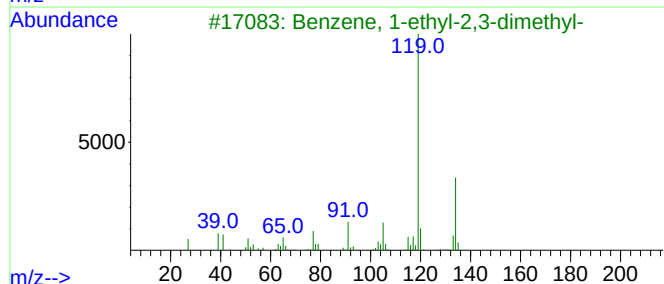
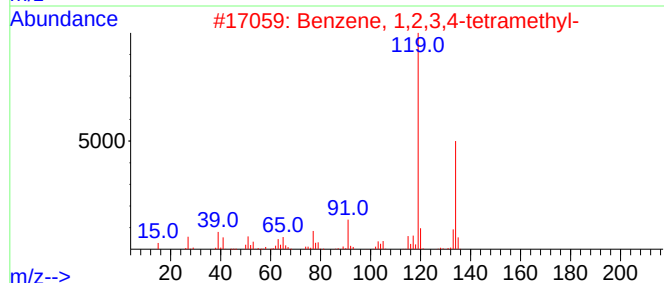
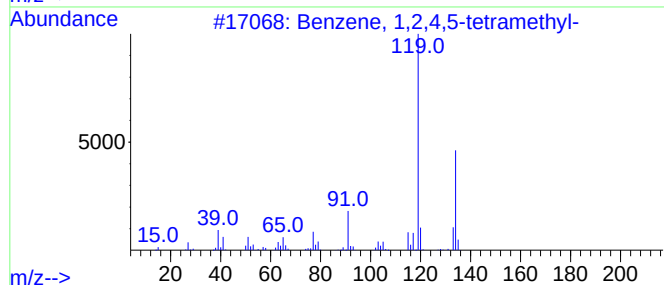
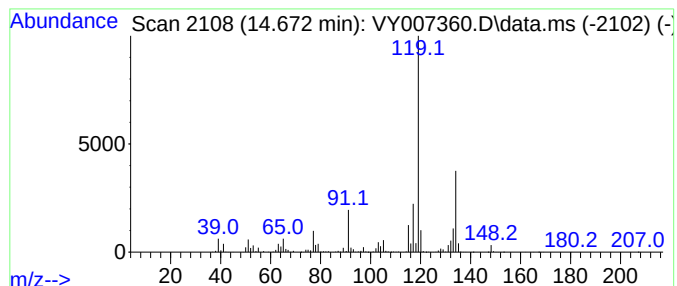
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	179.49 ug/l	1664080	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
Data File : VY007360.D
Acq On : 02 Feb 2022 17:32
Operator : SY/MD
Sample : N1303-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CC-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y0202221S.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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Benzene, 1-ethy...	12.971	403.0	ug/l	3736300	4	13.422	463554	50.0
Decane, 4-methyl-	13.038	303.2	ug/l	2810830	4	13.422	463554	50.0
Benzene, cyclop...	13.623	405.1	ug/l	3755310	4	13.422	463554	50.0
Undecane	13.751	382.6	ug/l	3546840	4	13.422	463554	50.0
Benzene, 1-meth...	13.818	179.6	ug/l	1664950	4	13.422	463554	50.0
Benzene, 2-ethy...	13.916	181.0	ug/l	1677770	4	13.422	463554	50.0
Benzene, 1-ethy...	13.971	250.7	ug/l	2324100	4	13.422	463554	50.0
o-Cymene	14.075	161.5	ug/l	1497250	4	13.422	463554	50.0
Benzene, 1,2,4,...	14.672	179.5	ug/l	1664080	4	13.422	463554	50.0