

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021456.D
 Acq On : 07 Mar 2025 13:18
 Operator : SY/MD
 Sample : Q1479-02
 Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DSP2

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\82Y030425S.M
 Title : SW846 8260

Signal : TIC: VY021456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	40	45	64	rBV	896819	1597862	100.00%	8.162%
2	2.129	64	67	79	rVB	30251	68164	4.27%	0.348%
3	2.355	95	104	108	rBV5	7287	24085	1.51%	0.123%
4	2.434	111	117	118	rBV2	16836	29755	1.86%	0.152%
5	2.531	130	133	138	rBV	20036	29607	1.85%	0.151%
6	6.378	753	764	802	rVB2	292146	1220448	76.38%	6.234%
7	7.628	955	969	972	rBV2	73086	206487	12.92%	1.055%
8	7.683	972	978	994	rVB	282399	835646	52.30%	4.269%
9	8.049	1029	1038	1055	rBV3	85730	296574	18.56%	1.515%
10	8.213	1060	1065	1097	rVB5	33215	162578	10.17%	0.830%
11	8.445	1097	1103	1115	rVB2	15793	37027	2.32%	0.189%
12	8.603	1119	1129	1142	rBV	269596	864615	54.11%	4.417%
13	8.725	1142	1149	1174	rVB	63211	346118	21.66%	1.768%
14	9.530	1270	1281	1286	rBV6	6860	16267	1.02%	0.083%
15	9.878	1331	1338	1352	rBV4	8411	23654	1.48%	0.121%
16	10.103	1367	1375	1381	rBV	470584	1120695	70.14%	5.725%
17	10.164	1381	1385	1404	rVB2	306728	932748	58.37%	4.765%
18	10.512	1434	1442	1456	rBV2	29932	94855	5.94%	0.485%
19	10.634	1456	1462	1469	rBV5	12128	21929	1.37%	0.112%
20	11.200	1551	1555	1559	rVV3	22732	46071	2.88%	0.235%
21	11.249	1559	1563	1568	rVV2	23010	43149	2.70%	0.220%
22	11.304	1568	1572	1583	rVB	14303	28172	1.76%	0.144%
23	11.420	1583	1591	1603	rBV	399467	1278910	80.04%	6.533%
24	11.524	1603	1608	1618	rVV3	49378	154636	9.68%	0.790%
25	11.633	1618	1626	1643	rVB	322060	935988	58.58%	4.781%
26	11.963	1667	1680	1691	rBV	88063	261029	16.34%	1.333%
27	12.127	1702	1707	1710	rBV4	12327	23034	1.44%	0.118%
28	12.267	1724	1730	1739	rBV7	33298	95331	5.97%	0.487%
29	12.420	1747	1755	1765	rVB2	462965	972052	60.83%	4.965%
30	12.603	1776	1785	1789	rBV	21674	40319	2.52%	0.206%
31	12.664	1789	1795	1800	rBV	151138	315591	19.75%	1.612%
32	12.743	1803	1808	1814	rVV	238393	433189	27.11%	2.213%
33	12.822	1816	1821	1827	rVB2	38239	70888	4.44%	0.362%
34	12.901	1827	1834	1842	rBV	119324	219894	13.76%	1.123%
35	13.048	1852	1858	1864	rBV	418978	696386	43.58%	3.557%
36	13.103	1864	1867	1871	rVB3	14755	21880	1.37%	0.112%

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37	13.176	1872	1879	1882	rBV3	23139	53691	3.36%	0.274%
38	13.243	1886	1890	1894	rVB2	40319	59809	3.74%	0.306%
39	13.298	1894	1899	1901	rBV3	18189	31838	1.99%	0.163%
40	13.353	1902	1908	1929	rVB2	559008	1282210	80.25%	6.550%
41	13.517	1930	1935	1937	rBV	55645	85094	5.33%	0.435%
42	13.548	1937	1940	1943	rVV2	158004	247747	15.50%	1.266%
43	13.590	1943	1947	1956	rVB2	328040	565853	35.41%	2.890%
44	13.676	1956	1961	1966	rBV4	52811	87563	5.48%	0.447%
45	13.749	1968	1973	1978	rVB	76241	109352	6.84%	0.559%
46	13.810	1978	1983	1986	rBV	142795	236031	14.77%	1.206%
47	13.840	1986	1988	1992	rVV	121279	139756	8.75%	0.714%
48	13.895	1992	1997	2003	rVB	218068	329723	20.64%	1.684%
49	13.950	2003	2006	2009	rBV4	11988	16349	1.02%	0.084%
50	14.005	2009	2015	2019	rVB2	106510	164131	10.27%	0.838%
51	14.054	2019	2023	2031	rVB7	26091	66670	4.17%	0.341%
52	14.139	2031	2037	2041	rBV2	69990	115892	7.25%	0.592%
53	14.218	2041	2050	2053	rBV2	153175	271289	16.98%	1.386%
54	14.261	2053	2057	2061	rVV	232250	332146	20.79%	1.697%
55	14.304	2061	2064	2068	rVV2	120416	173144	10.84%	0.884%
56	14.346	2068	2071	2075	rVB	83336	105056	6.57%	0.537%
57	14.444	2083	2087	2091	rVB	57957	76372	4.78%	0.390%
58	14.486	2091	2094	2098	rBV2	40474	72702	4.55%	0.371%
59	14.535	2098	2102	2107	rVB2	100604	148770	9.31%	0.760%
60	14.596	2107	2112	2119	rBV3	140454	324804	20.33%	1.659%
61	14.657	2119	2122	2128	rVV	61451	94987	5.94%	0.485%
62	14.712	2128	2131	2139	rVB3	17846	30046	1.88%	0.153%
63	14.791	2139	2144	2147	rBV2	23420	35466	2.22%	0.181%
64	14.871	2151	2157	2168	rVV3	93625	283269	17.73%	1.447%
65	14.968	2168	2173	2180	rVB3	59958	138678	8.68%	0.708%
66	15.151	2192	2203	2209	rBV7	30020	93663	5.86%	0.478%
67	15.230	2209	2216	2218	rVV2	30577	63546	3.98%	0.325%
68	15.255	2218	2220	2225	rVV4	31430	45481	2.85%	0.232%
69	15.303	2225	2228	2232	rVV6	15508	25205	1.58%	0.129%
70	15.346	2232	2235	2244	rVB8	19593	32444	2.03%	0.166%
71	15.438	2244	2250	2257	rBV5	18790	46717	2.92%	0.239%
72	15.718	2291	2296	2302	rVB3	13276	25243	1.58%	0.129%

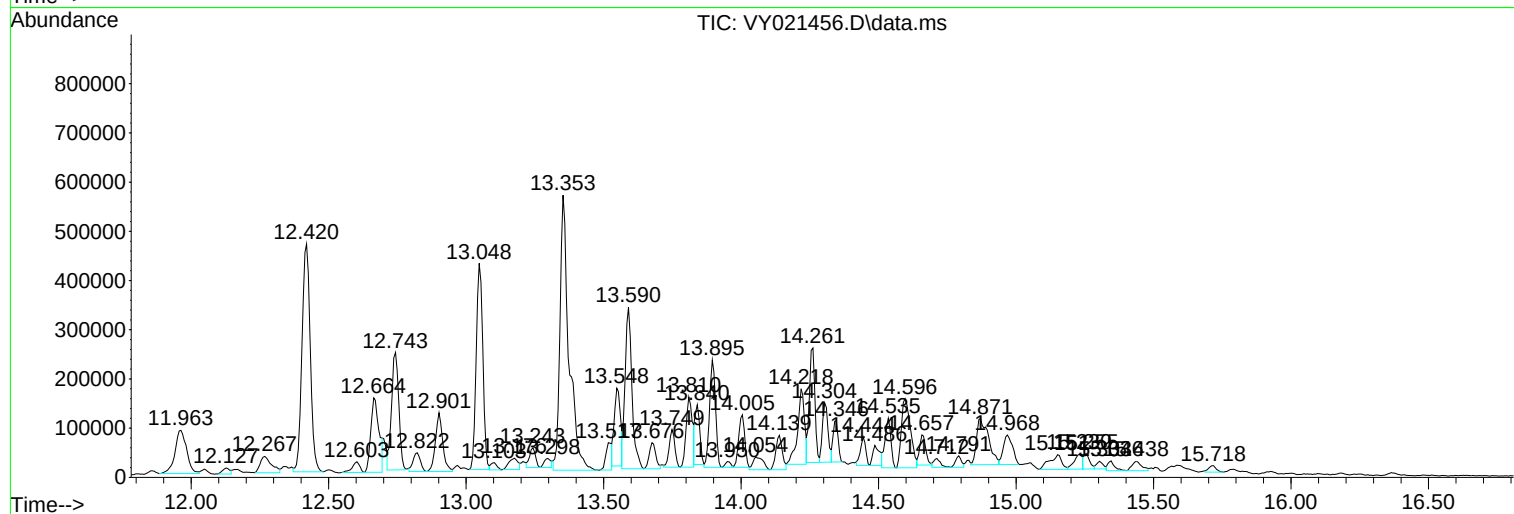
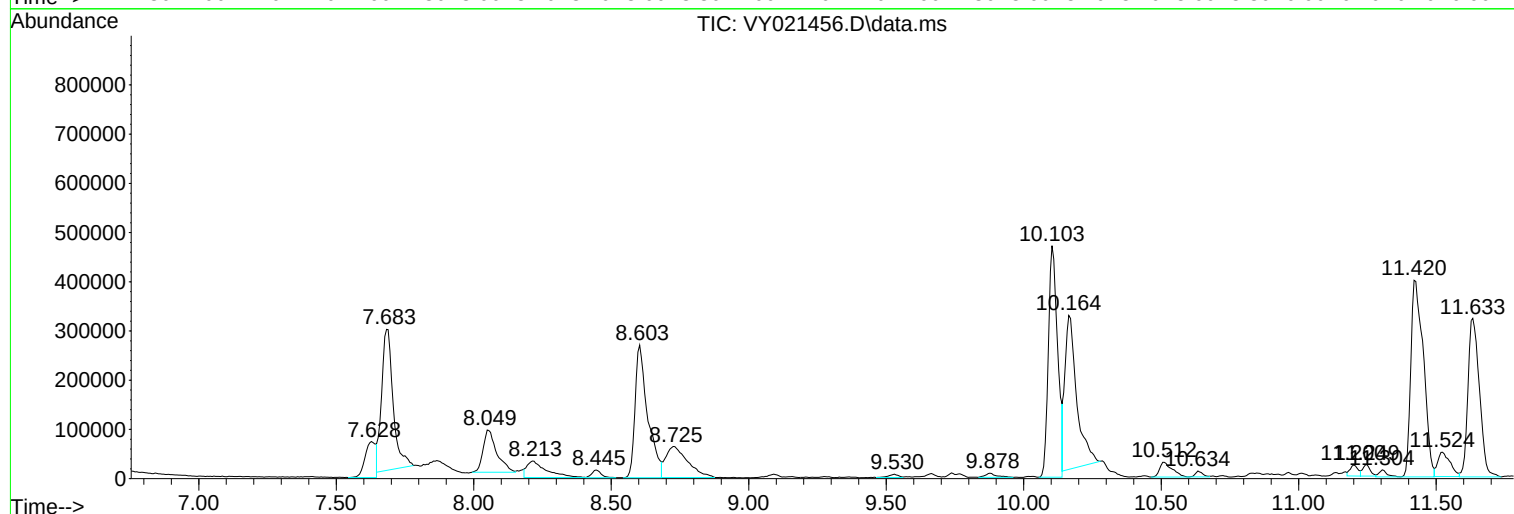
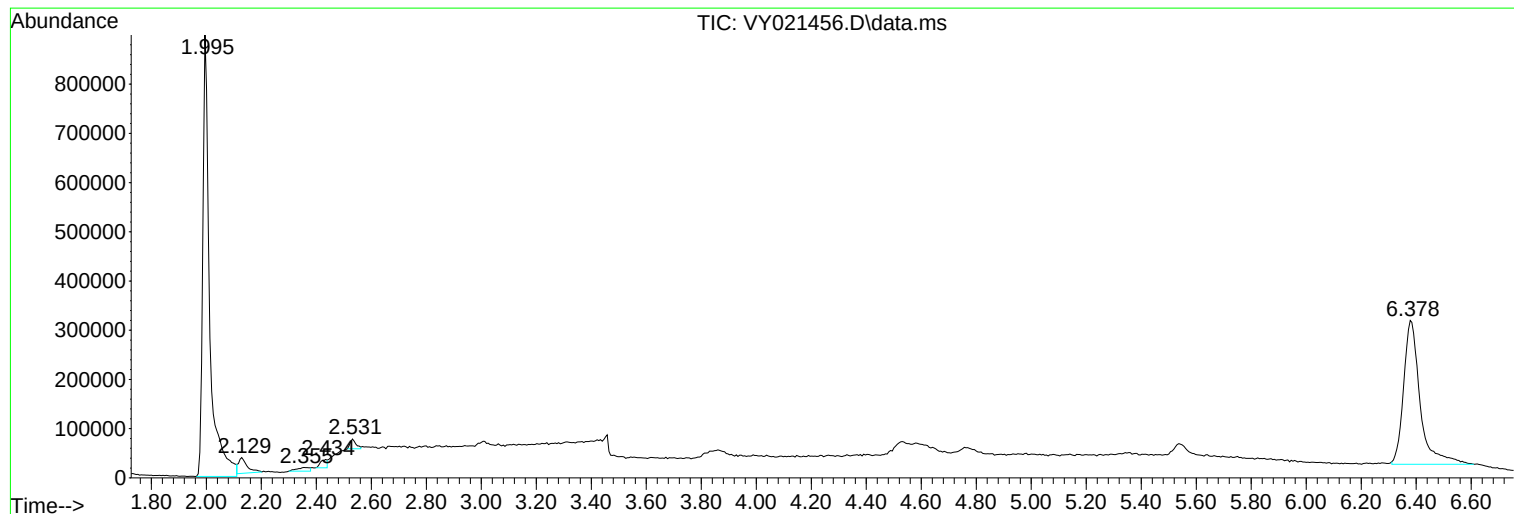
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Instrument :
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ClientSampleId :
DSP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



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ClientSampleId :
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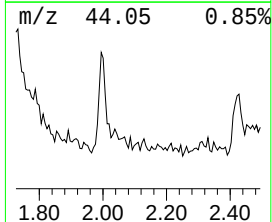
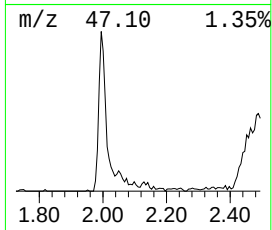
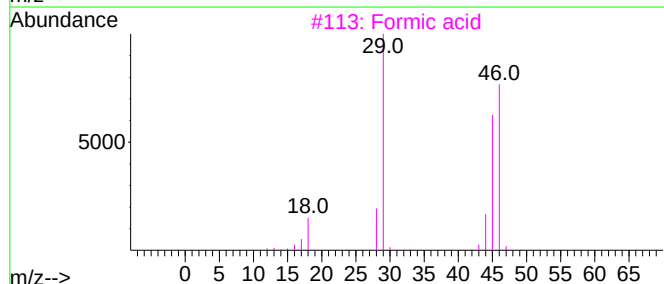
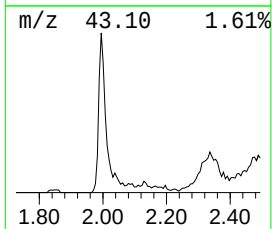
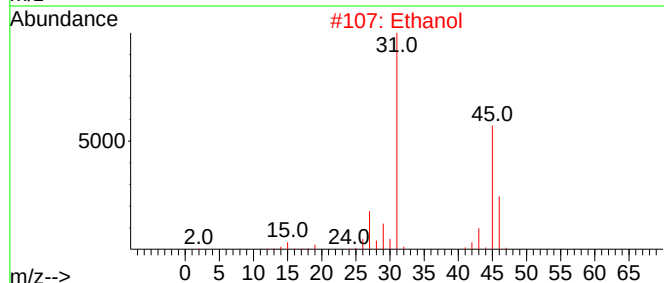
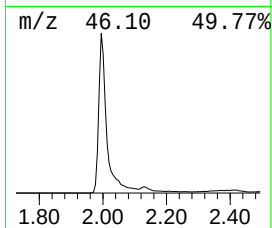
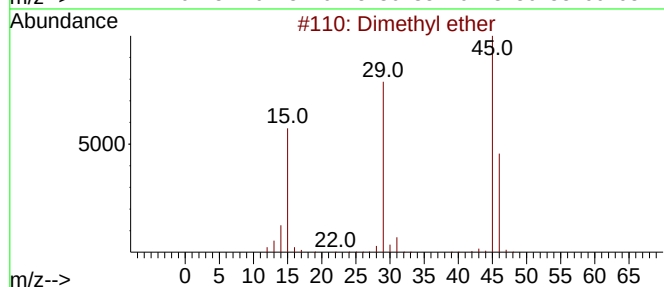
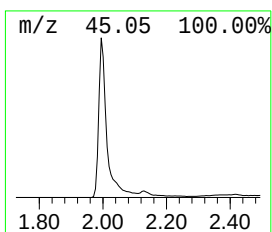
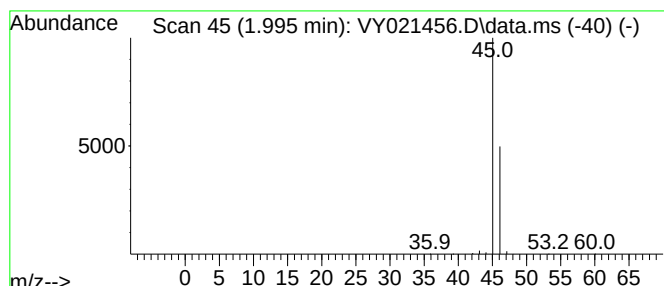
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 1 Dimethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	95.61 ug/l	1597860	Pentafluorobenzene	7.683

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	90
2			Ethanol	46	C2H6O	000064-17-5	7
3			Formic acid	46	CH2O2	000064-18-6	7
4			Oxalic acid	90	C2H2O4	000144-62-7	4
5			Methane, nitroso-	45	CH3NO	000865-40-7	3



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MSVOA_Y
ClientSampleId :
DSP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

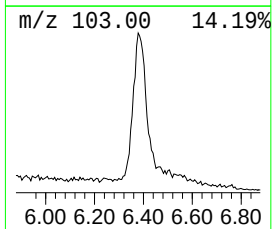
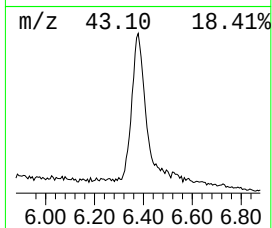
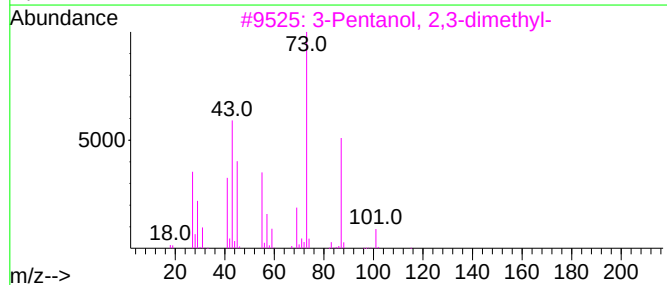
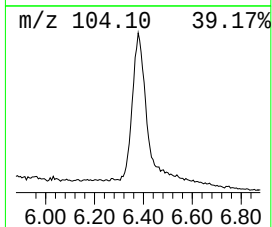
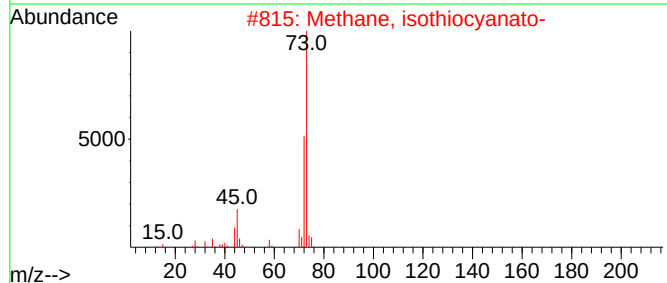
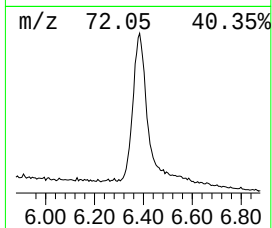
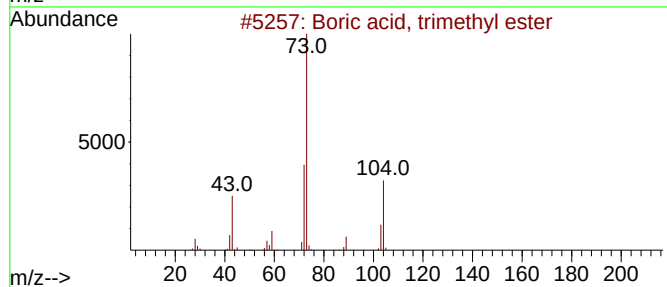
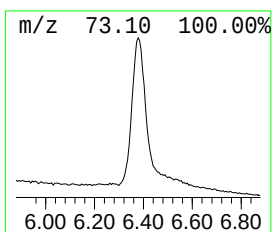
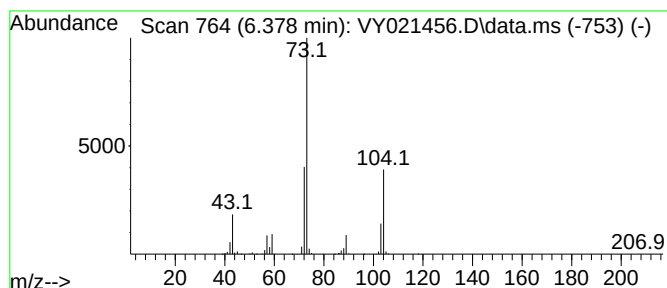
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Boric acid, trimethyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	73.02 ug/l	1220450	Pentafluorobenzene	7.683

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Boric acid, trimethyl ester	104	C3H9B03	000121-43-7	91
2			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3			3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	9
4			Boronic acid, ethyl-, dimethyl e...	102	C4H11B02	007318-82-3	7
5			Borane, dimethoxy-	74	C2H7B02	004542-61-4	5



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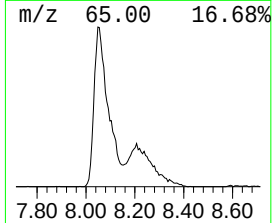
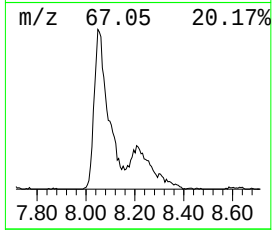
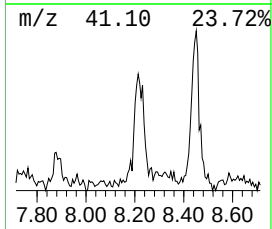
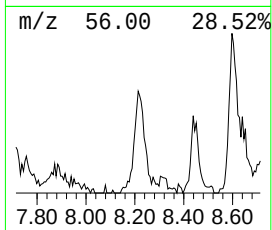
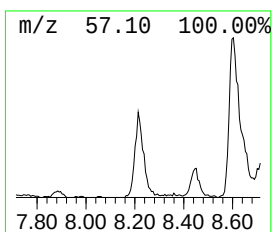
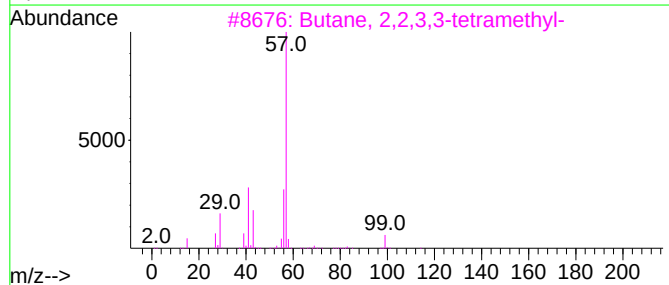
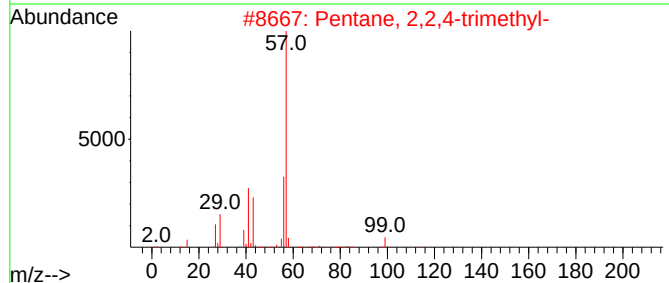
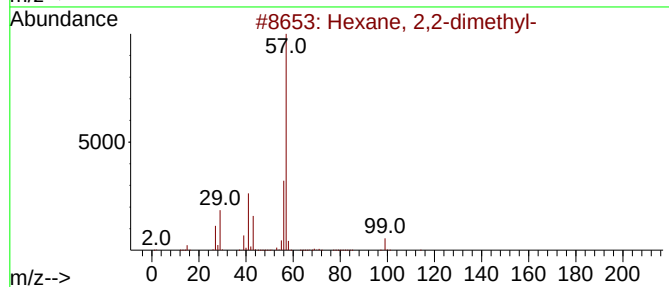
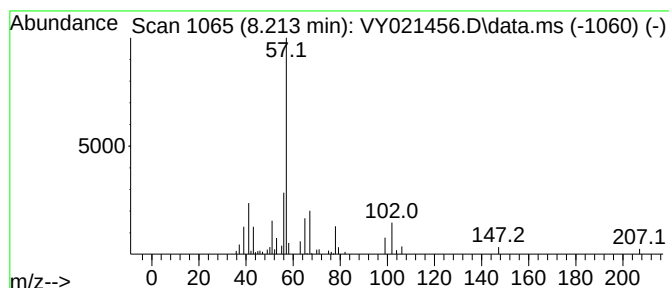
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.213 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.213	9.40 ug/l	162578	1,4-Difluorobenzene	8.603

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	16
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	16
3		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	16
4		tert-Butyl[4-(tert-butylimino-ox...	270	C10H18N6O3	1000443-26-2	12
5		Sulfone, 2-hydroxybutyl t-butyl	194	C8H18O3S	1000161-82-4	12



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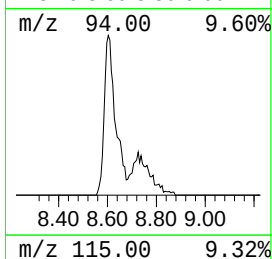
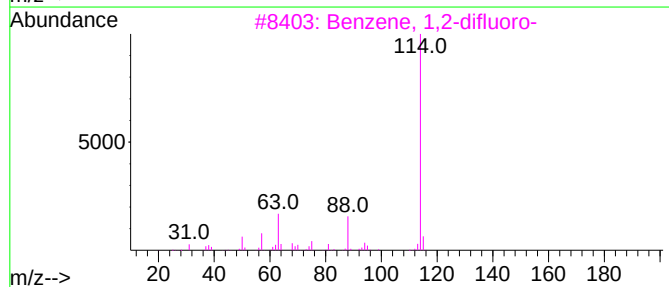
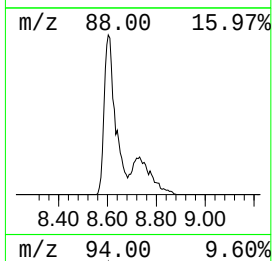
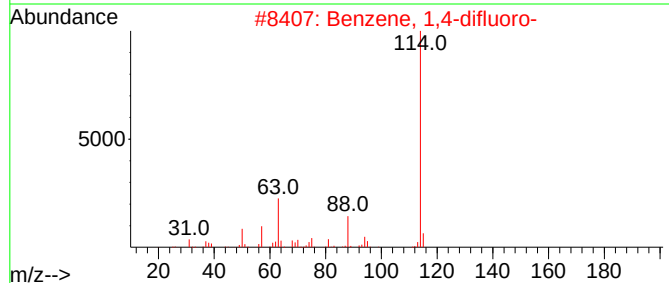
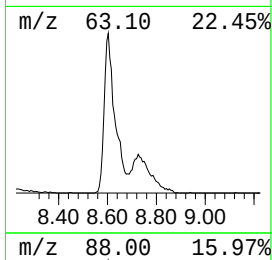
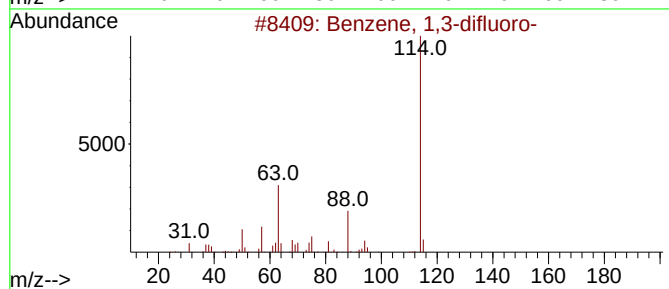
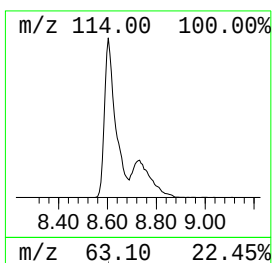
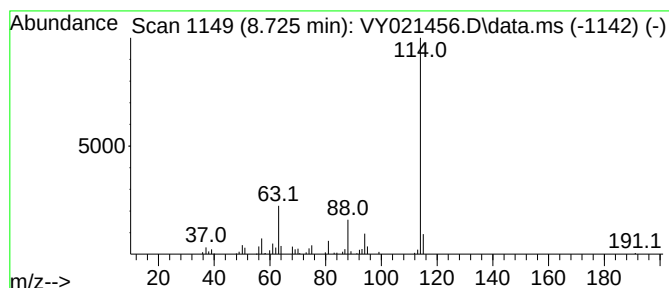
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	20.02 ug/l	346118	1,4-Difluorobenzene	8.603

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
2			Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
3			Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	90
4			Undec-10-ynoylamide, N-(2-butyl)...	307	C20H37NO	1000491-72-5	28
5			2-Butylamine, N-(3-methylbutyl)-	143	C9H21N	1000463-86-1	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

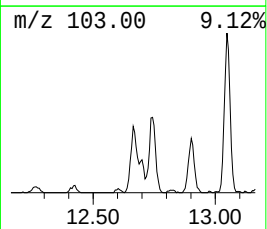
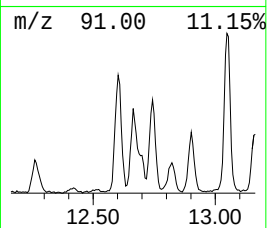
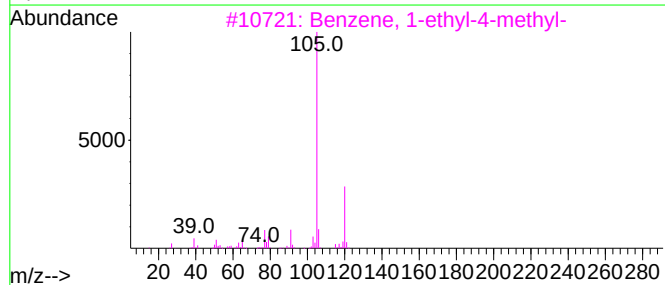
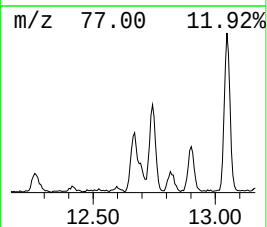
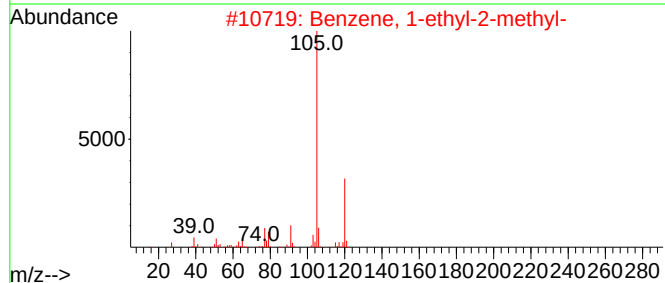
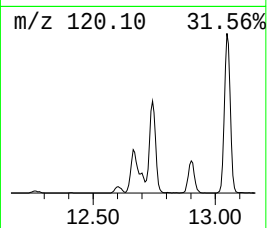
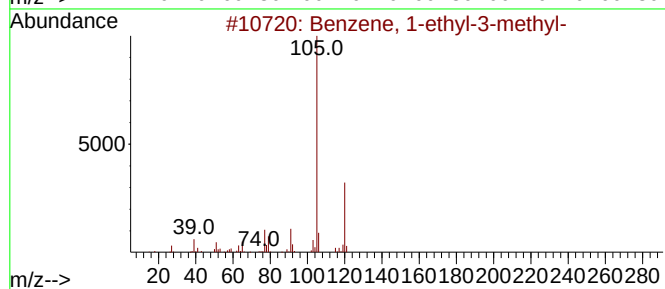
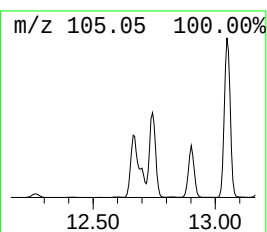
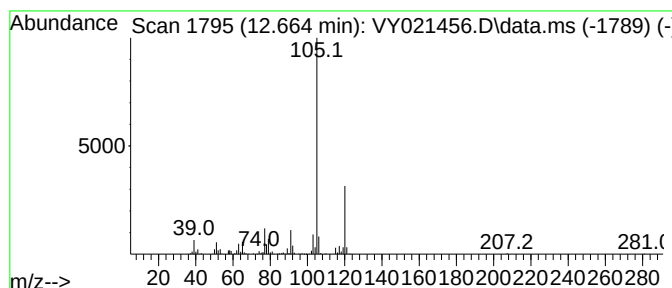
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	12.31 ug/l	315591	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

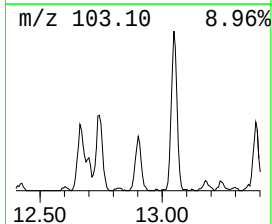
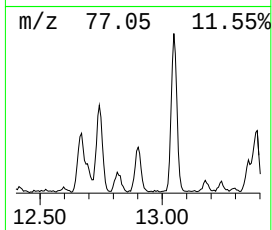
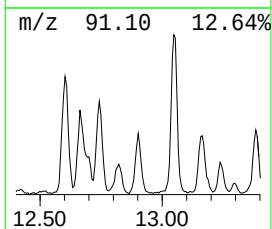
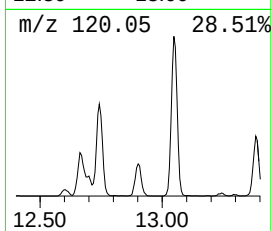
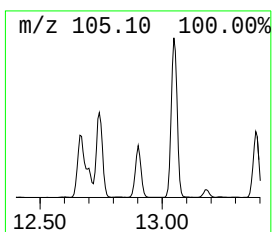
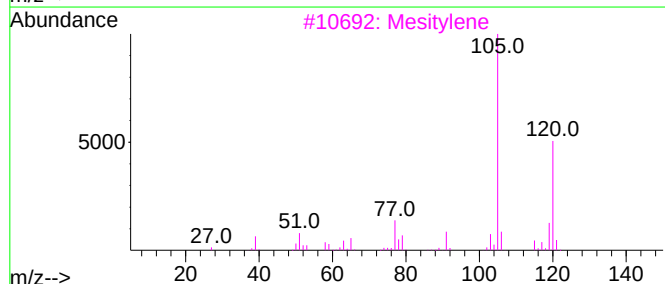
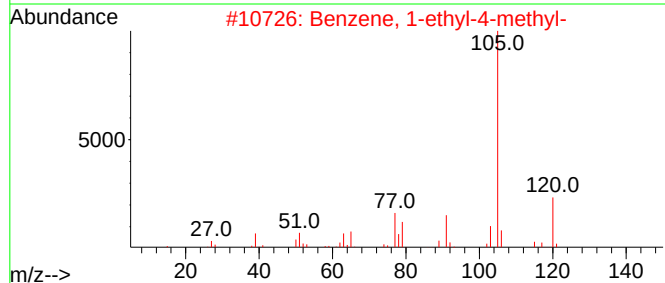
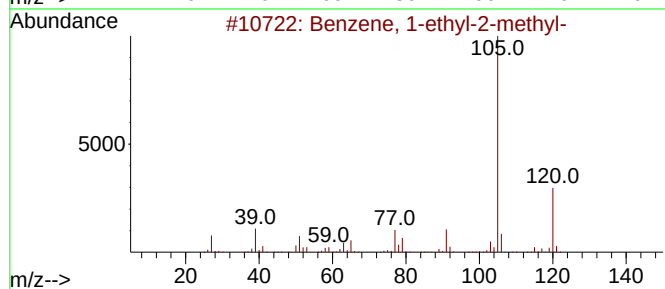
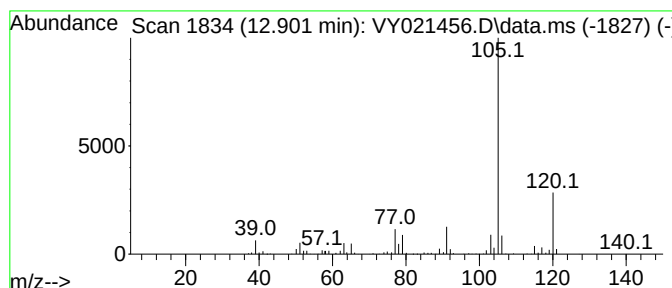
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.901	8.57 ug/l	219894	1,4-Dichlorobenzene-d4	13.352

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-4-methyl-	120	C9H12	000622-96-8	93
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

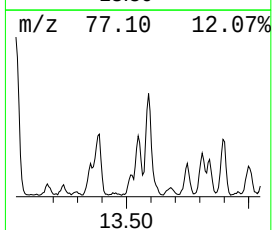
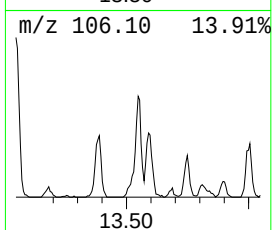
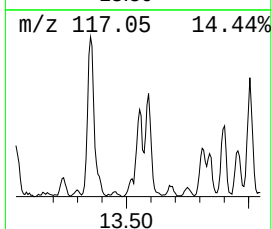
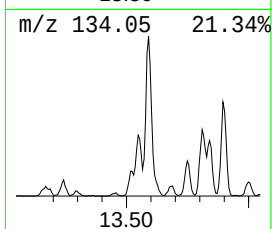
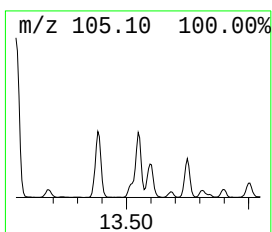
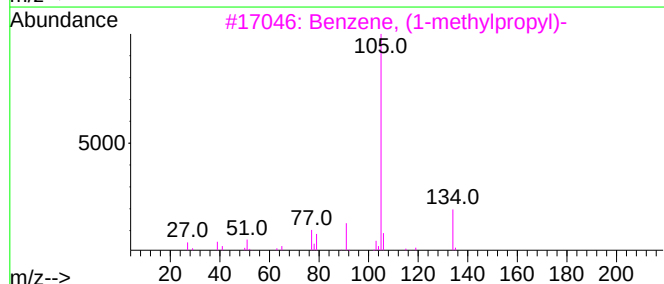
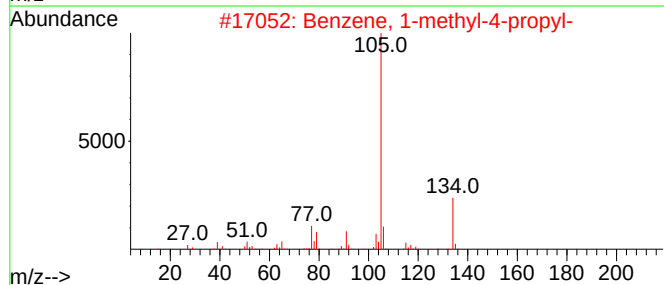
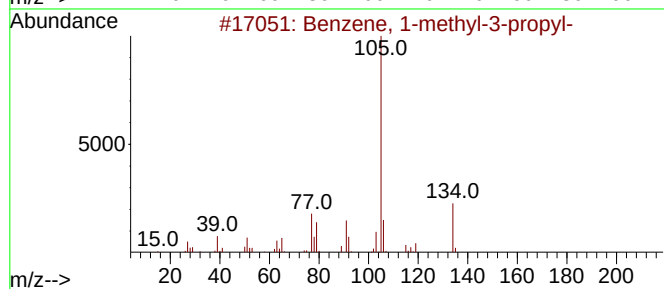
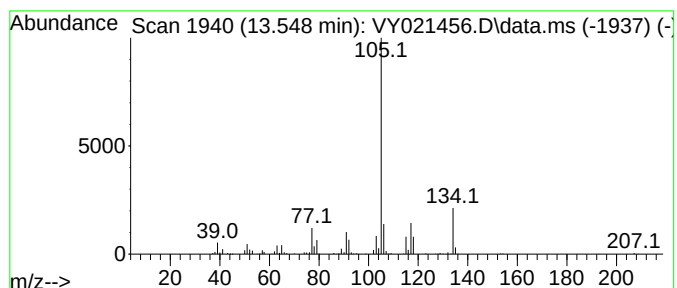
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.548	9.66 ug/l	247747	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SoIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

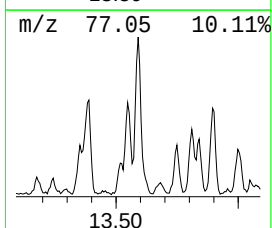
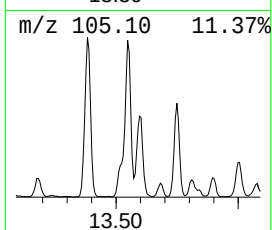
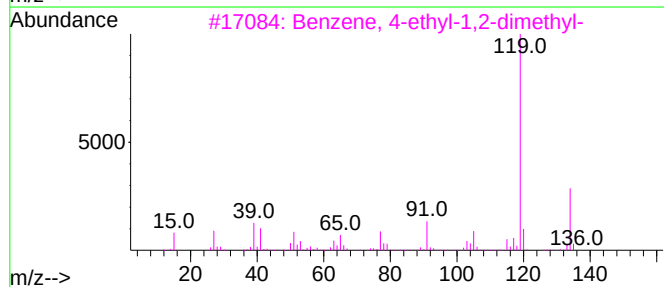
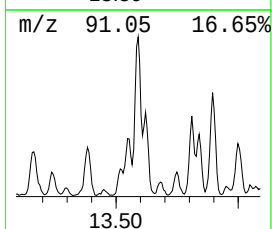
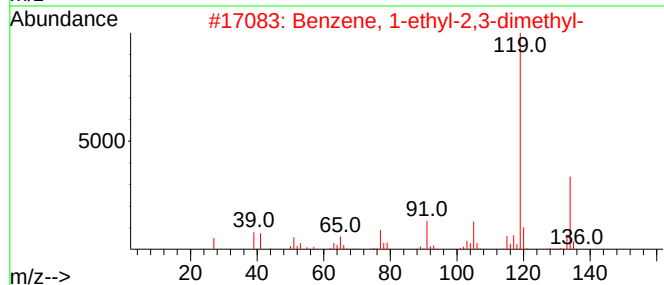
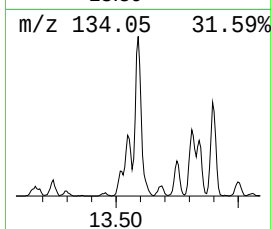
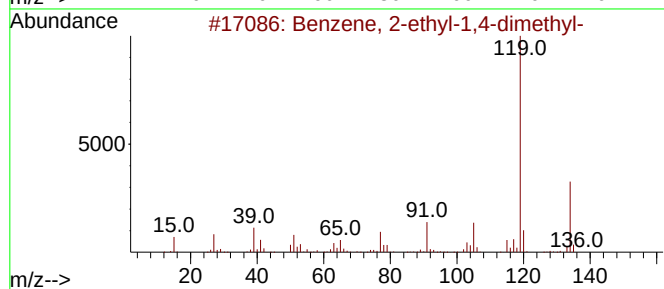
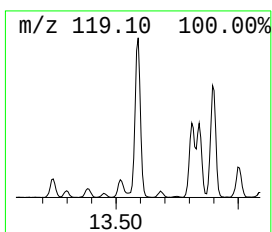
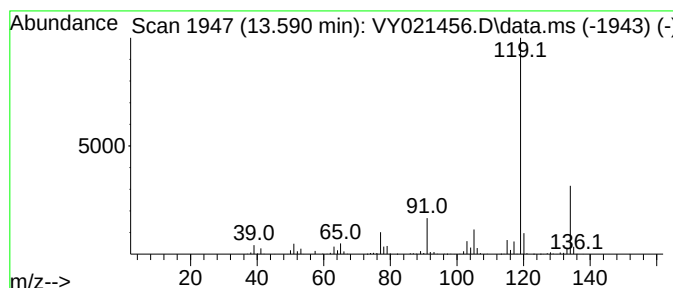
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.590	22.07 ug/l	565853	1,4-Dichlorobenzene-d4		13.352	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	94
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	93
5	Benzene, 1-ethyl-2,4-dimethyl-		134	C10H14	000874-41-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SoIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

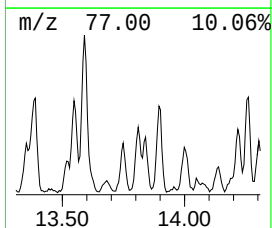
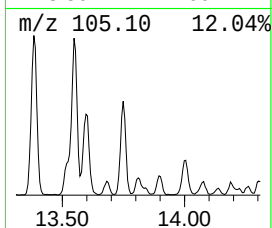
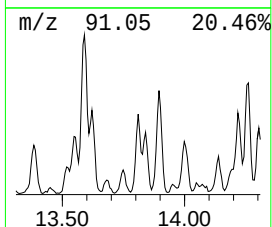
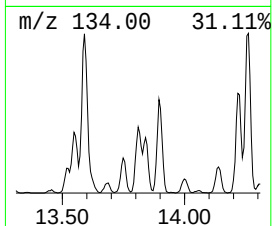
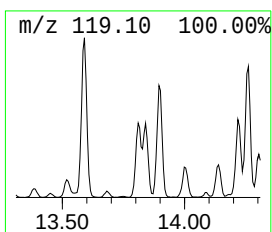
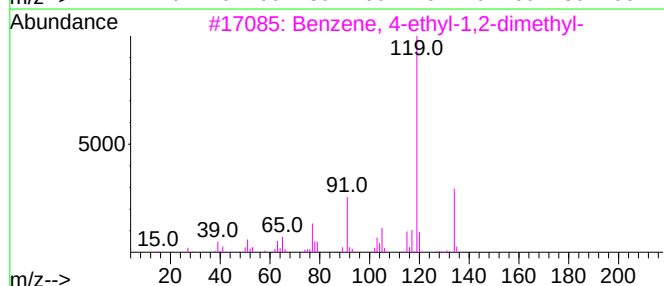
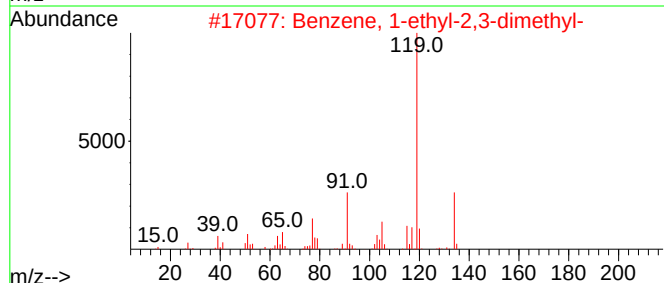
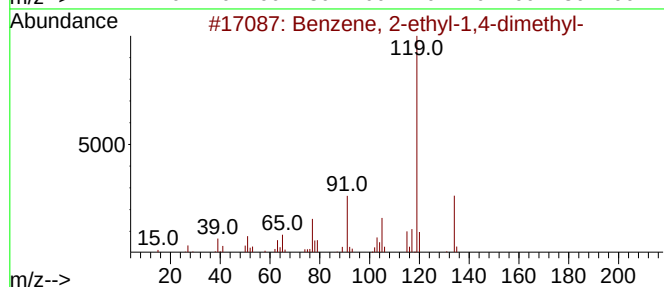
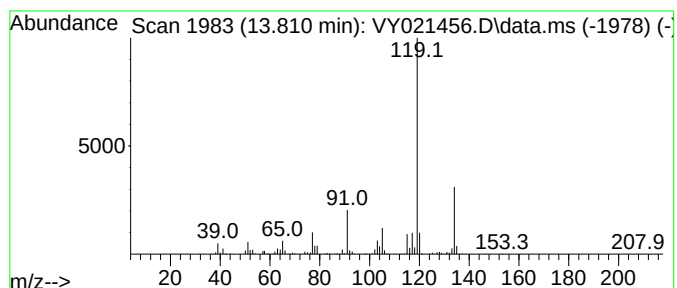
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TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	9.20 ug/l	236031	1,4-Dichlorobenzene-d4	13.352

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

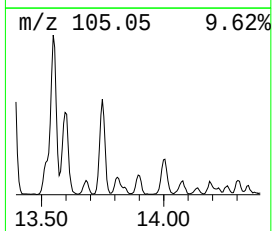
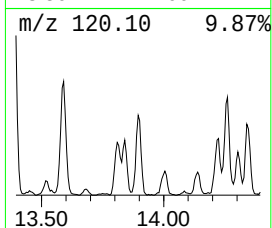
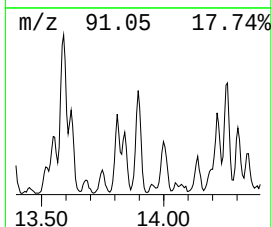
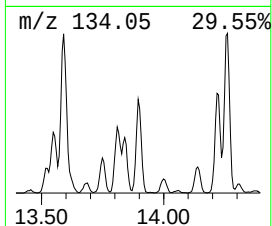
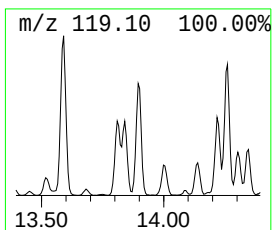
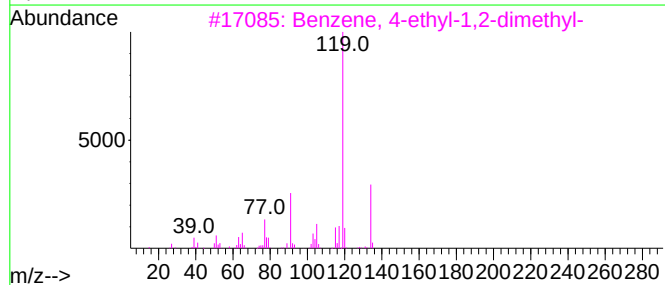
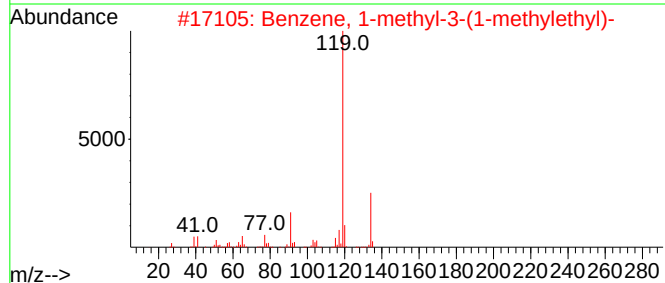
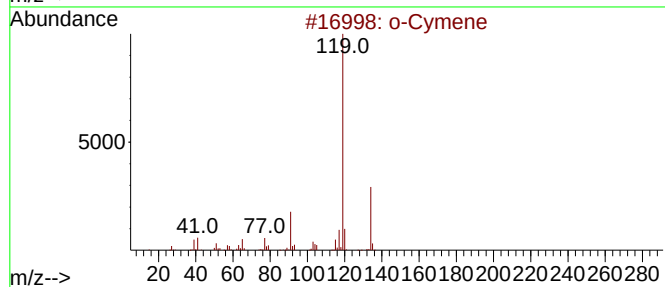
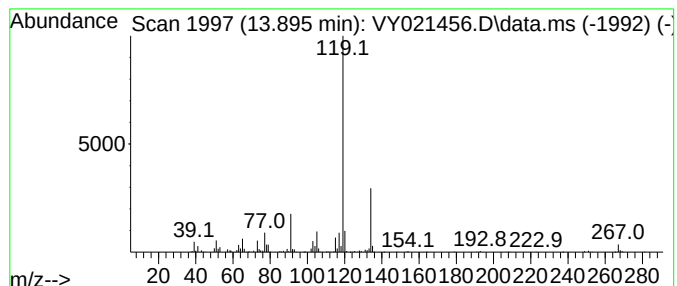
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Quant Title : SW846 8260

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

Peak Number 10 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.895	12.86 ug/l	329723	1,4-Dichlorobenzene-d4	13.352

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

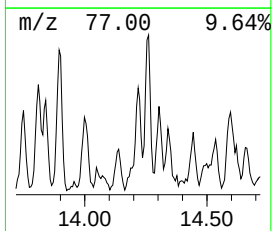
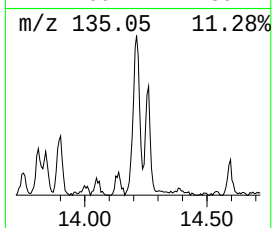
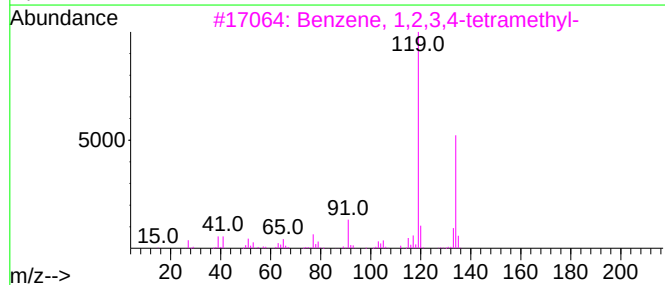
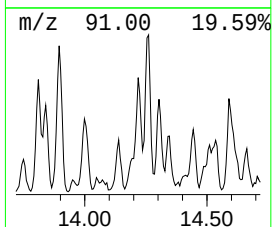
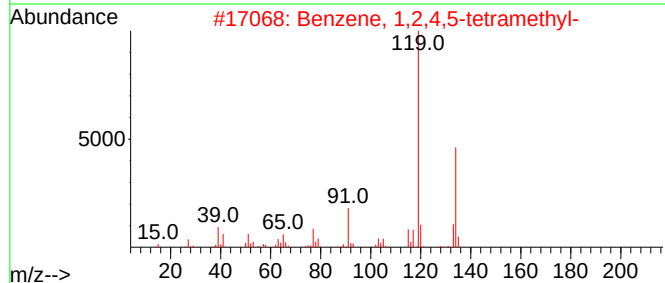
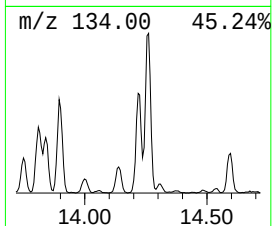
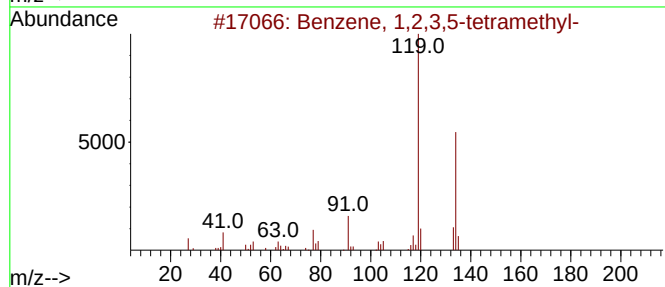
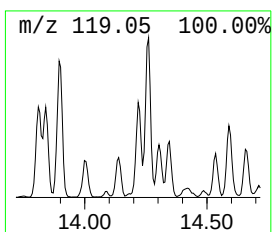
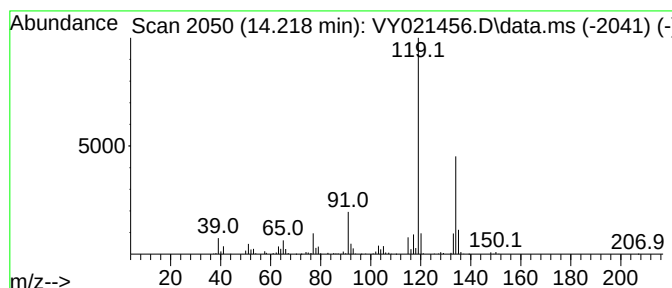
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Quant Title : SW846 8260

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

Peak Number 11 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.218	10.58 ug/l	271289	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

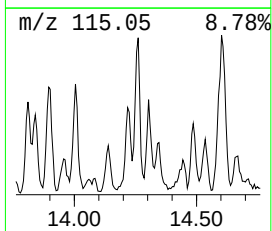
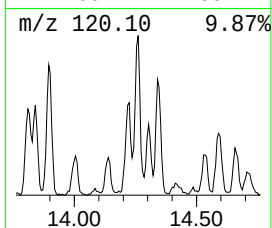
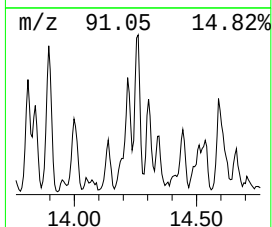
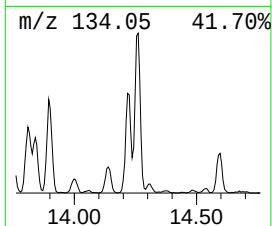
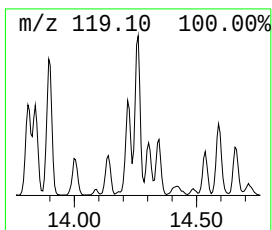
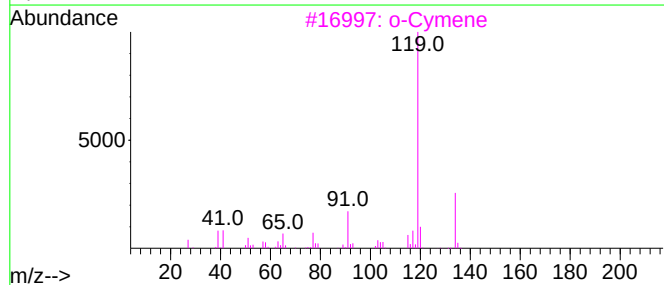
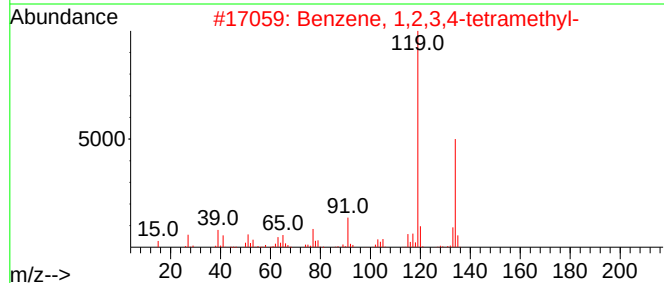
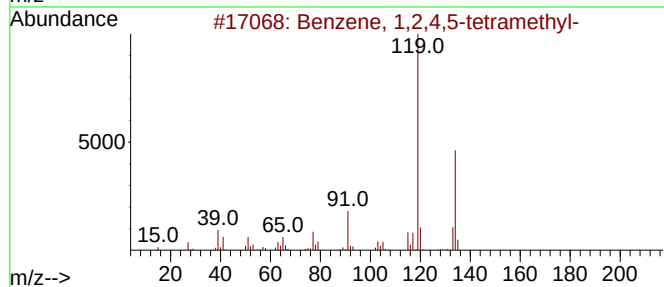
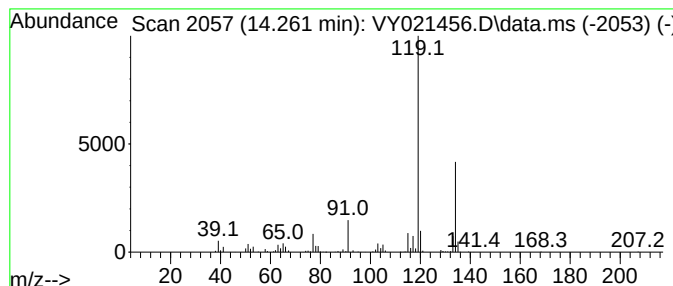
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Quant Title : SW846 8260

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	12.95 ug/l	332146	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SoIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

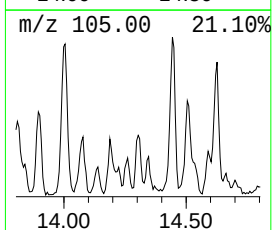
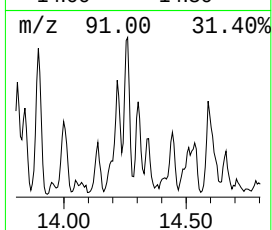
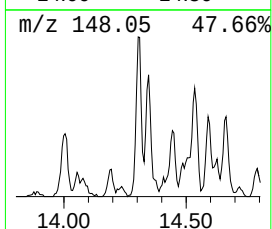
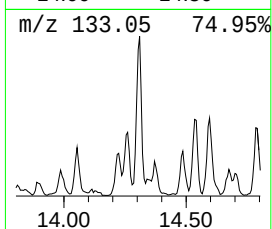
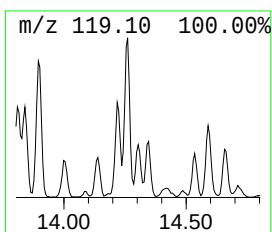
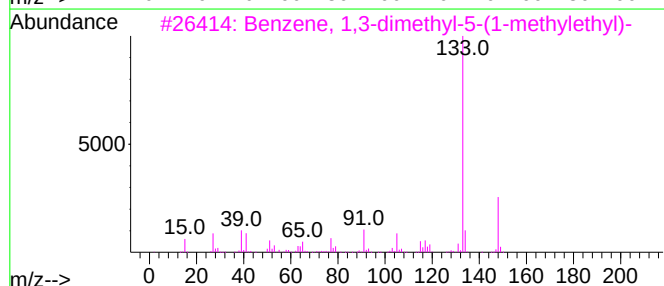
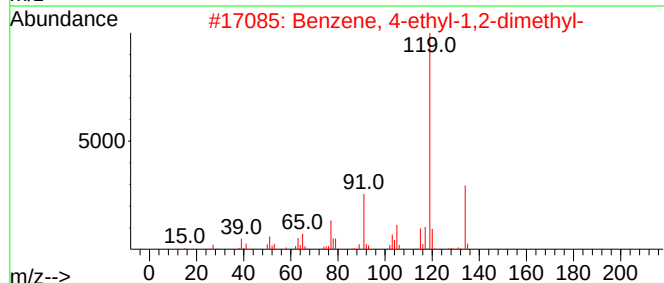
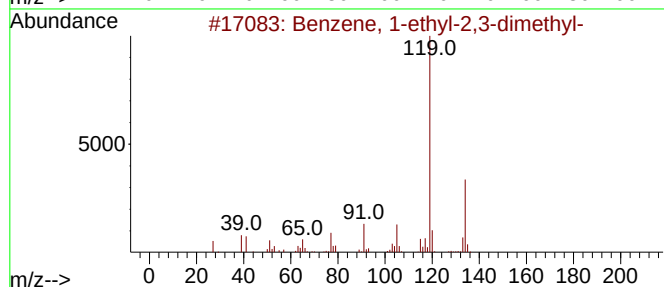
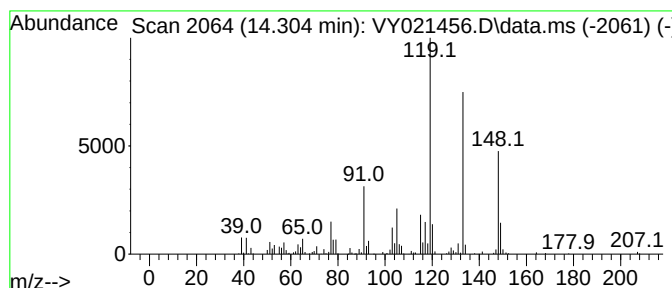
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Quant Title : SW846 8260

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

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	6.75 ug/l	173144	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
5			1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

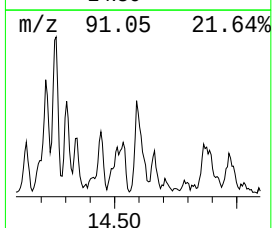
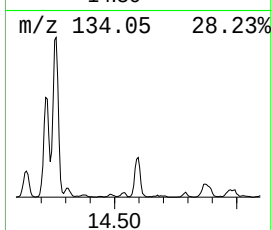
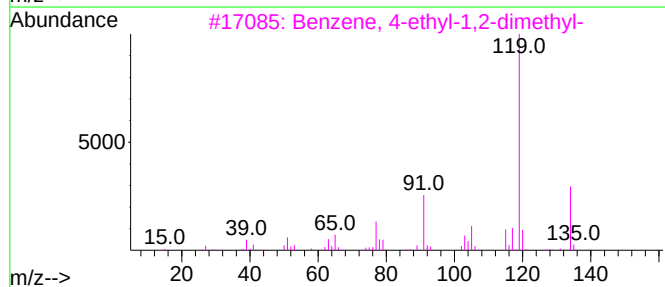
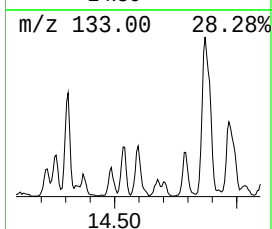
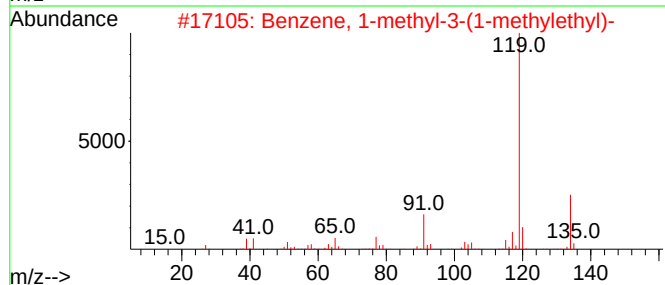
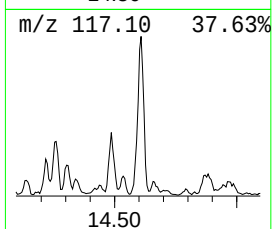
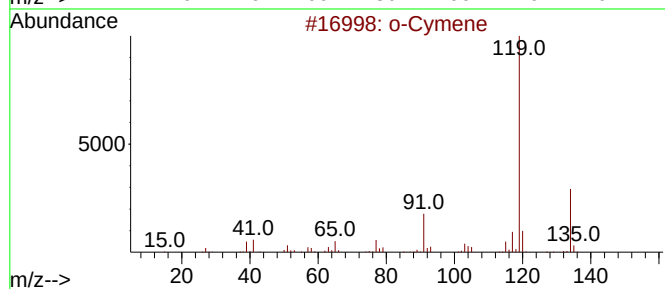
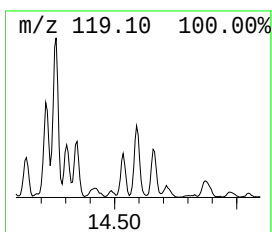
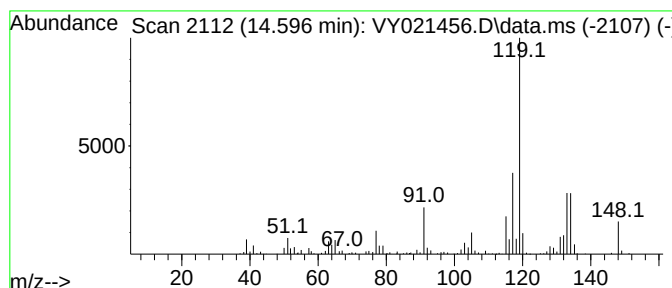
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.596	12.67 ug/l	324804	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	70
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

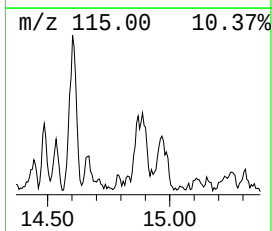
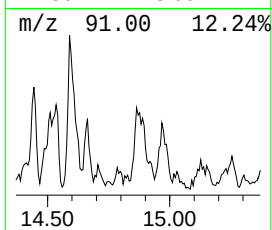
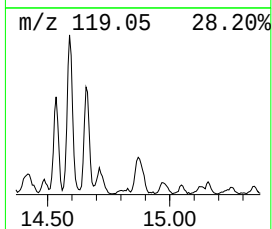
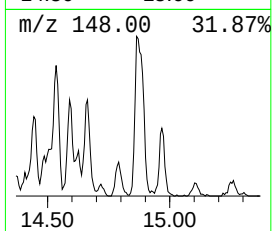
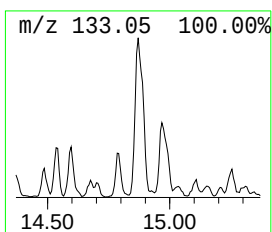
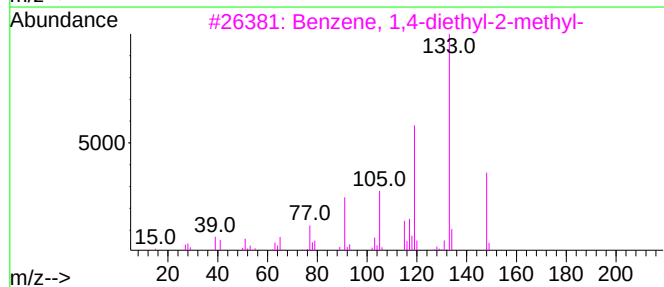
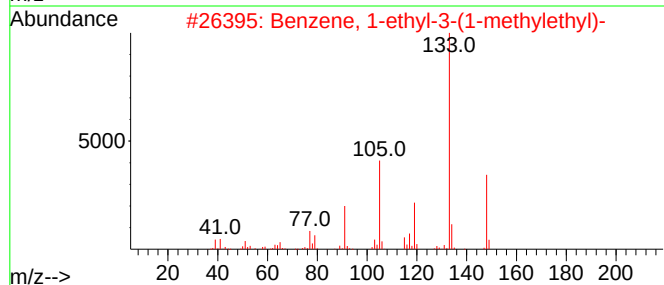
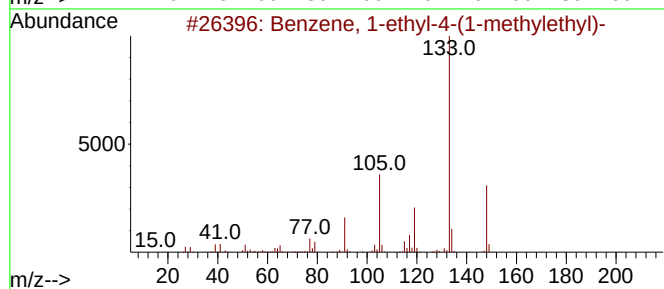
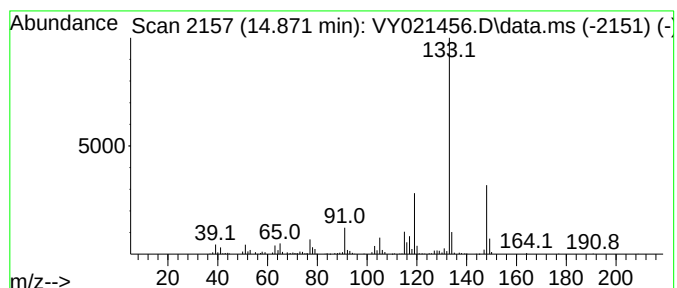
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.871	11.05 ug/l	283269	1,4-Dichlorobenzene-d4	13.352

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
2			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	90
3			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021456.D
Acq On : 07 Mar 2025 13:18
Operator : SY/MD
Sample : Q1479-02
Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DSP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl ether	1.995	95.6	ug/l	1597860	1	7.683	835646	50.0
Boric acid, tri...	6.378	73.0	ug/l	1220450	1	7.683	835646	50.0
unknown8.213	8.213	9.4	ug/l	162578	2	8.603	864615	50.0
Benzene, 1,3-di...	8.725	20.0	ug/l	346118	2	8.603	864615	50.0
Benzene, 1-ethy...	12.664	12.3	ug/l	315591	4	13.352	1282210	50.0
Benzene, 1-ethy...	12.901	8.6	ug/l	219894	4	13.352	1282210	50.0
Benzene, 1-meth...	13.548	9.7	ug/l	247747	4	13.352	1282210	50.0
Benzene, 2-ethy...	13.590	22.1	ug/l	565853	4	13.352	1282210	50.0
Benzene, 1-ethy...	13.810	9.2	ug/l	236031	4	13.352	1282210	50.0
o-Cymene	13.895	12.9	ug/l	329723	4	13.352	1282210	50.0
Benzene, 1,2,3,...	14.218	10.6	ug/l	271289	4	13.352	1282210	50.0
Benzene, 1,2,4,...	14.261	12.9	ug/l	332146	4	13.352	1282210	50.0
Benzene, 4-ethy...	14.304	6.8	ug/l	173144	4	13.352	1282210	50.0
Benzene, 1-meth...	14.596	12.7	ug/l	324804	4	13.352	1282210	50.0
Benzene, 1-ethy...	14.871	11.1	ug/l	283269	4	13.352	1282210	50.0