

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021465.D
 Acq On : 07 Mar 2025 16:49
 Operator : SY/MD
 Sample : Q1515-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030625-E2

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: VY021465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.812	13	15	20	rVB4	1540	1974	1.22%	0.093%
2	2.074	52	58	60	rBV2	2949	5273	3.26%	0.249%
3	4.604	467	473	474	rBV5	1251	1724	1.06%	0.081%
4	7.628	959	969	976	rBV	21742	56356	34.81%	2.656%
5	7.707	976	982	993	rVB	56658	132523	81.86%	6.247%
6	8.054	1031	1039	1048	rBV2	15431	37130	22.93%	1.750%
7	8.615	1123	1131	1143	rBV	66952	135696	83.82%	6.396%
8	10.109	1367	1376	1385	rBV	90485	161896	100.00%	7.631%
9	11.304	1568	1572	1576	rBV4	923	1741	1.08%	0.082%
10	11.414	1583	1590	1600	rBV	59419	103824	64.13%	4.894%
11	11.645	1623	1628	1635	rBV4	4817	8815	5.44%	0.416%
12	11.712	1635	1639	1645	rVB5	1358	2056	1.27%	0.097%
13	11.926	1669	1674	1687	rVV8	2758	9143	5.65%	0.431%
14	12.054	1689	1695	1698	rBV3	3580	4620	2.85%	0.218%
15	12.127	1702	1707	1709	rBV5	2703	3794	2.34%	0.179%
16	12.170	1710	1714	1718	rVB5	3826	6921	4.27%	0.326%
17	12.243	1723	1726	1731	rBV5	1645	2631	1.63%	0.124%
18	12.340	1739	1742	1744	rVV4	3417	3936	2.43%	0.186%
19	12.371	1744	1747	1749	rVV4	3238	3367	2.08%	0.159%
20	12.407	1749	1753	1758	rVV2	34044	50542	31.22%	2.382%
21	12.444	1758	1759	1765	rVB4	5203	6387	3.95%	0.301%
22	12.572	1776	1780	1786	rVB6	5066	9809	6.06%	0.462%
23	12.651	1786	1793	1796	rBV6	4718	10877	6.72%	0.513%
24	12.730	1796	1806	1812	rBV3	53036	92994	57.44%	4.383%
25	12.785	1812	1815	1820	rVB6	6526	10050	6.21%	0.474%
26	12.834	1820	1823	1826	rBV5	1905	2495	1.54%	0.118%
27	12.895	1826	1833	1837	rBV5	8199	22405	13.84%	1.056%
28	12.932	1837	1839	1841	rVV2	2796	3292	2.03%	0.155%
29	12.968	1841	1845	1851	rVB3	20854	33881	20.93%	1.597%
30	13.029	1851	1855	1861	rBV8	3730	8938	5.52%	0.421%
31	13.096	1861	1866	1867	rBV5	4329	5864	3.62%	0.276%
32	13.151	1872	1875	1876	rBV2	3025	3097	1.91%	0.146%
33	13.236	1882	1889	1894	rBV5	21515	50212	31.01%	2.367%
34	13.285	1894	1897	1901	rVV5	15379	23930	14.78%	1.128%
35	13.352	1901	1908	1917	rVV4	50017	107364	66.32%	5.061%
36	13.425	1917	1920	1924	rVV5	13176	17850	11.03%	0.841%

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37	13.480	1924	1929	1932	rVV5	5909	11230	6.94%	0.529%
38	13.541	1933	1939	1943	rVV3	13286	25598	15.81%	1.207%
39	13.590	1943	1947	1955	rVB2	19369	33251	20.54%	1.567%
40	13.675	1955	1961	1965	rBV4	93659	149526	92.36%	7.048%
41	13.718	1965	1968	1970	rVV2	10379	13964	8.63%	0.658%
42	13.749	1970	1973	1983	rVB2	13998	29949	18.50%	1.412%
43	13.840	1984	1988	1991	rBV5	12249	20222	12.49%	0.953%
44	13.895	1993	1997	2001	rVB	21084	29934	18.49%	1.411%
45	13.938	2002	2004	2008	rVB4	12407	15418	9.52%	0.727%
46	13.998	2009	2014	2019	rVB4	29668	47022	29.04%	2.216%
47	14.059	2019	2024	2031	rBV9	12013	32650	20.17%	1.539%
48	14.120	2031	2034	2038	rBV5	9596	18141	11.21%	0.855%
49	14.175	2038	2043	2050	rBV7	34559	65254	40.31%	3.076%
50	14.303	2060	2064	2067	rBV3	23983	33573	20.74%	1.583%
51	14.340	2067	2070	2074	rVB3	27406	35614	22.00%	1.679%
52	14.401	2075	2080	2084	rBV7	10883	21052	13.00%	0.992%
53	14.486	2091	2094	2097	rBV5	4336	6597	4.07%	0.311%
54	14.535	2097	2102	2106	rVV2	40574	53995	33.35%	2.545%
55	14.602	2107	2113	2117	rVV4	32814	67968	41.98%	3.204%
56	14.651	2117	2121	2128	rVB3	26409	49021	30.28%	2.311%
57	14.712	2128	2131	2132	rBV3	3040	3487	2.15%	0.164%
58	14.761	2136	2139	2143	rVB4	8921	12715	7.85%	0.599%
59	14.864	2152	2156	2159	rBV4	12874	17430	10.77%	0.822%
60	14.968	2167	2173	2180	rVV3	13533	30245	18.68%	1.426%
61	15.059	2182	2188	2193	rVB8	8746	22986	14.20%	1.083%
62	15.120	2193	2198	2202	rBV8	7751	14243	8.80%	0.671%
63	15.206	2208	2212	2216	rVB5	8361	12661	7.82%	0.597%
64	15.273	2217	2223	2232	rVB9	9073	32117	19.84%	1.514%
65	15.346	2232	2235	2243	rVB9	7239	12816	7.92%	0.604%
66	15.425	2246	2248	2249	rBV2	2911	2884	1.78%	0.136%
67	15.516	2258	2263	2265	rVB5	4205	6350	3.92%	0.299%
68	15.590	2269	2275	2277	rVV7	4588	7975	4.93%	0.376%
69	15.632	2279	2282	2287	rVB5	6145	10623	6.56%	0.501%
70	15.730	2294	2298	2302	rVB6	1853	3461	2.14%	0.163%
71	15.791	2302	2308	2313	rBV10	2767	7017	4.33%	0.331%
72	15.931	2323	2331	2335	rBV9	5120	11734	7.25%	0.553%
73	16.047	2348	2350	2356	rVB7	1393	2544	1.57%	0.120%
74	16.126	2356	2363	2366	rBV9	3017	6818	4.21%	0.321%

Sum of corrected areas: 2121492

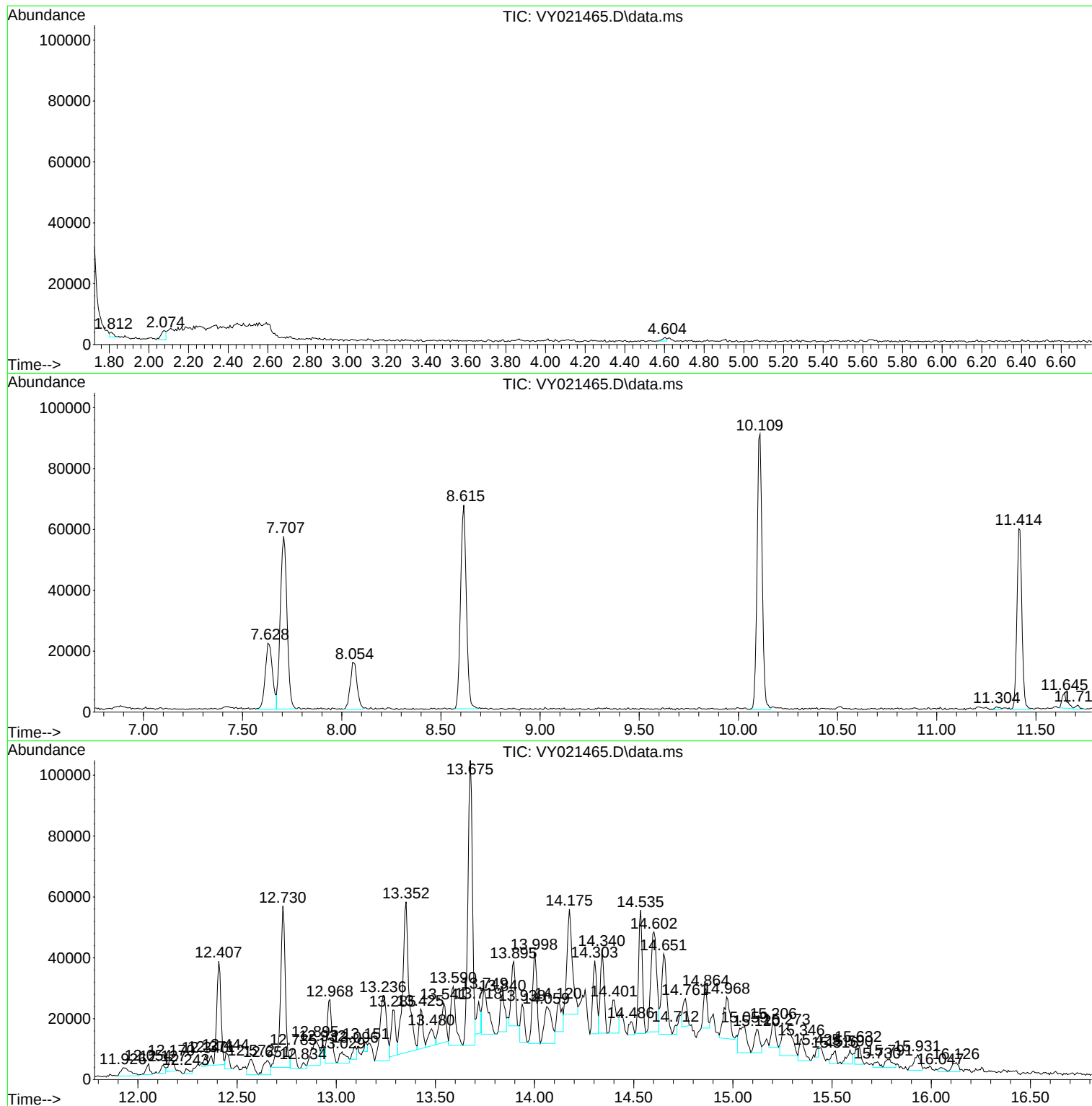
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



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Sample : Q1515-02
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

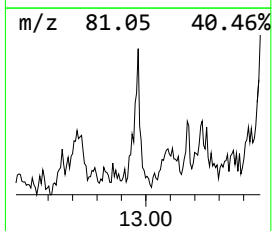
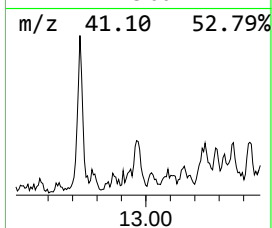
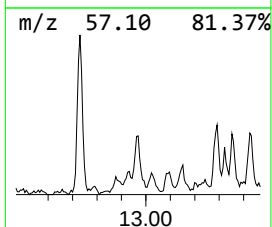
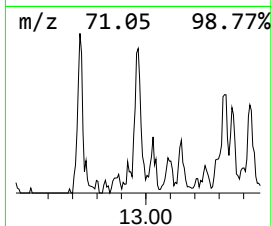
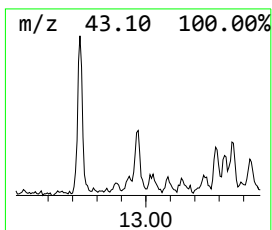
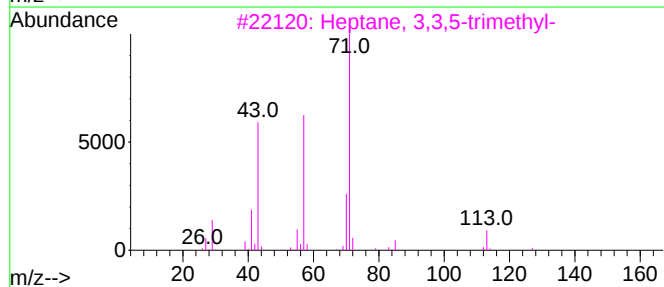
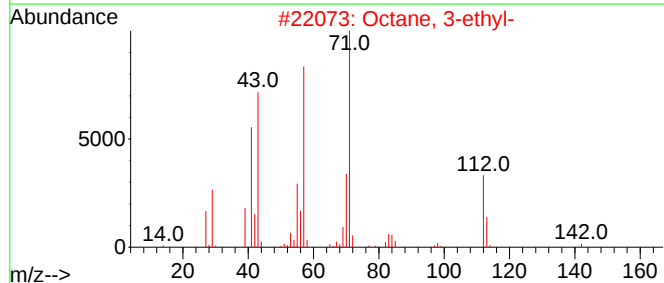
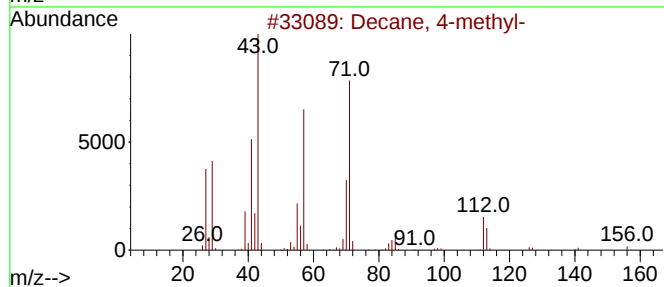
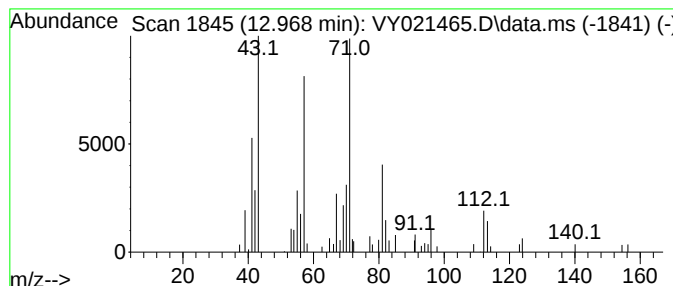
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	15.78 ug/l	33881	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	72
2			Octane, 3-ethyl-	142	C10H22	005881-17-4	59
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
5			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50



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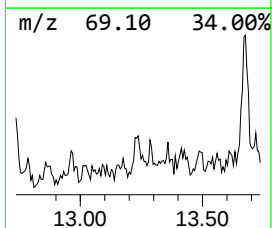
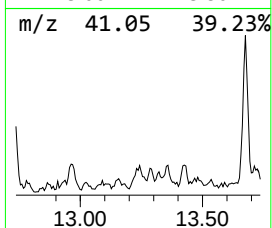
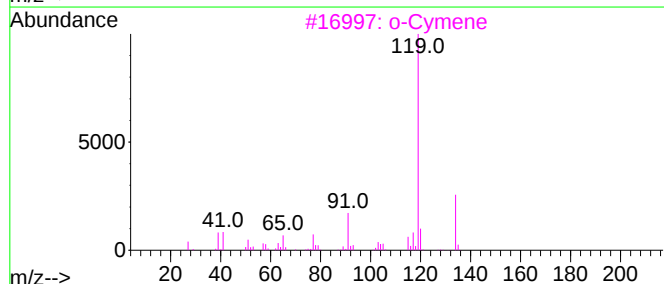
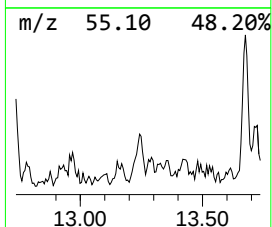
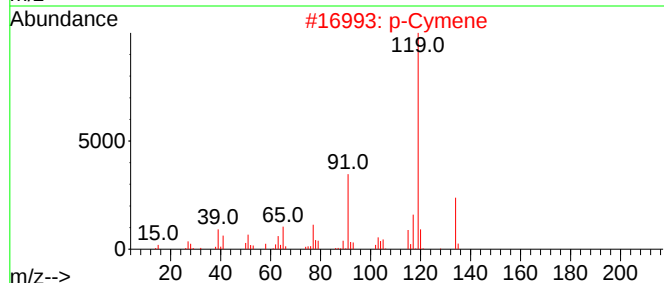
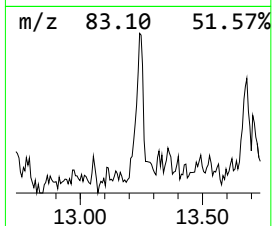
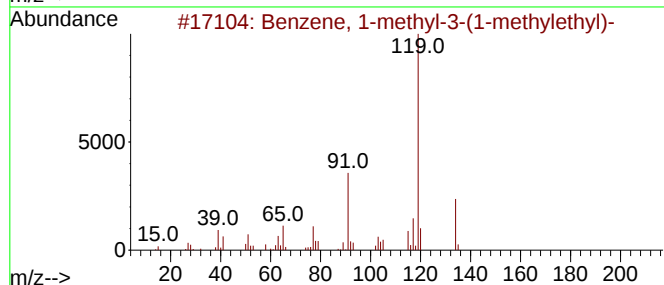
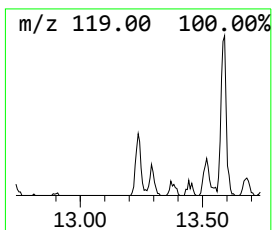
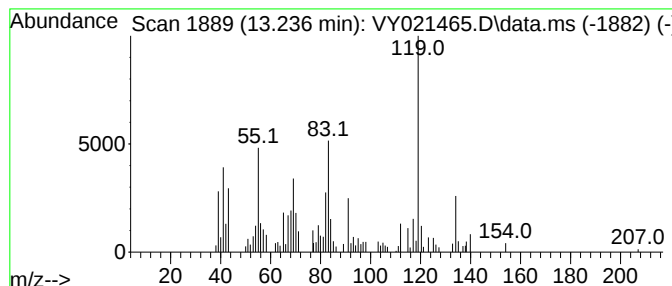
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.236	23.38 ug/l	50212	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	89
2			p-Cymene	134	C10H14	000099-87-6	89
3			o-Cymene	134	C10H14	000527-84-4	86
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50



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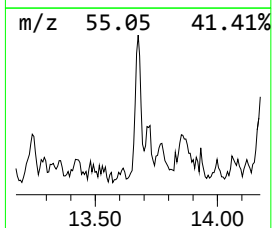
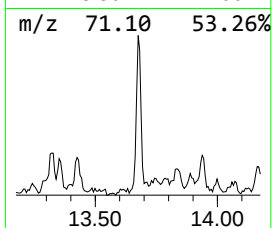
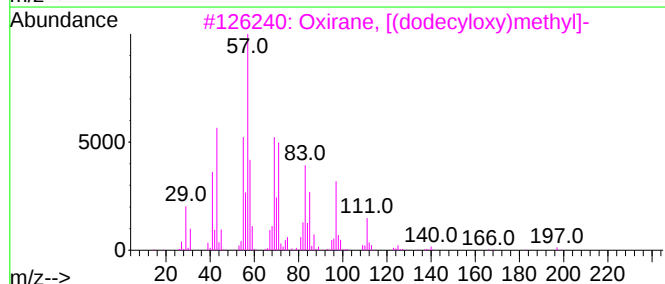
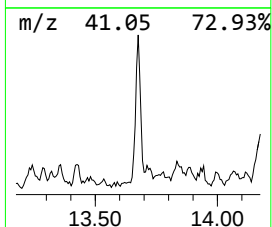
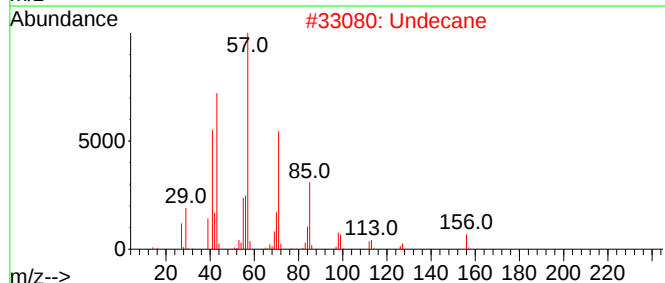
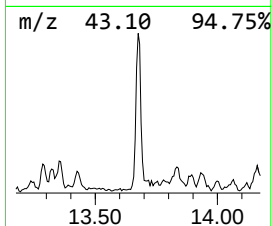
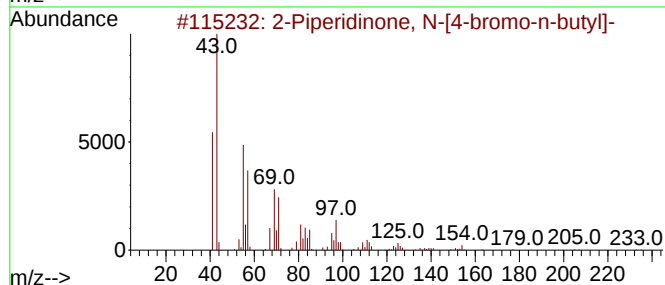
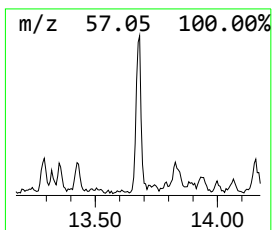
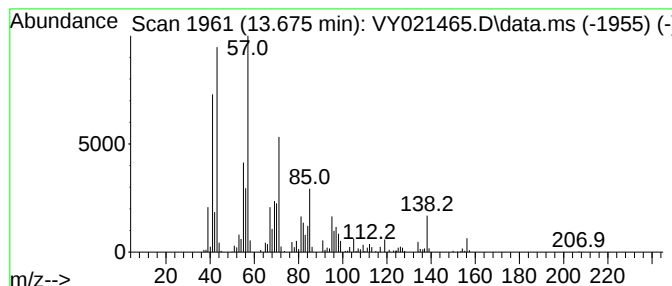
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Piperidinone, N-[4-bromo-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	69.64 ug/l	149526	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	64
2			Undecane	156	C11H24	001120-21-4	60
3			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	52
4			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	52
5			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	52



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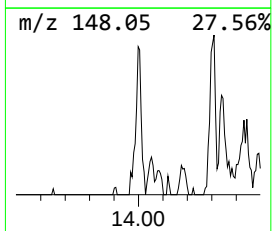
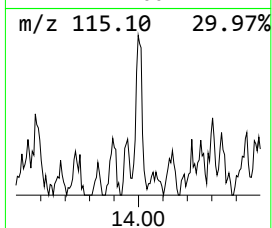
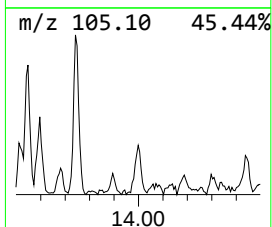
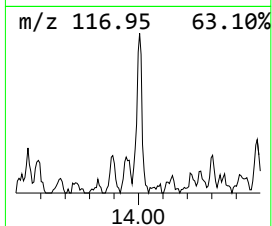
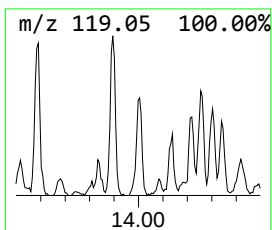
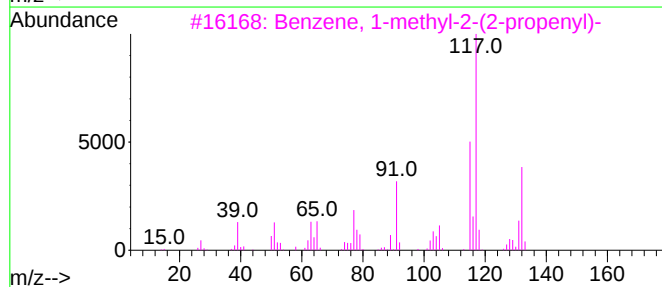
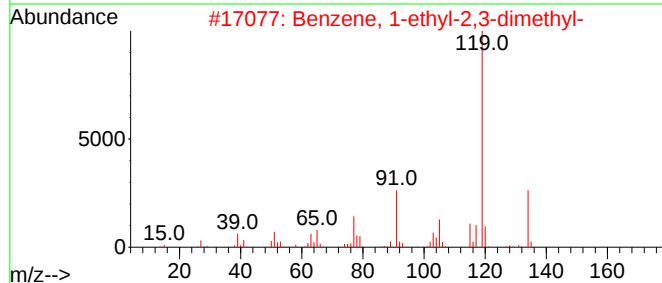
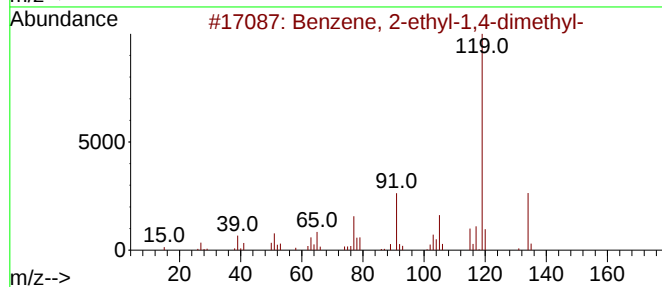
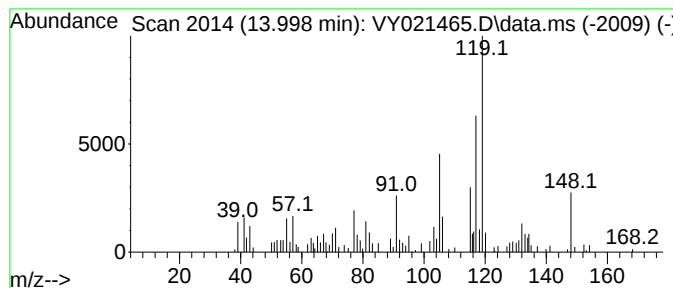
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Quant Title : SW846 8260

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

Peak Number 4 unknown 13.999 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	21.90 ug/l	47022	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	42
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42
5			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

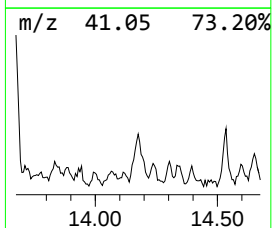
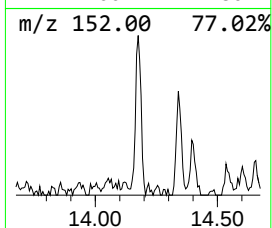
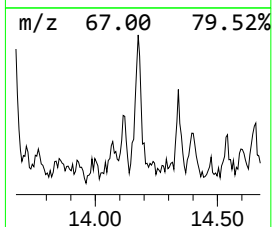
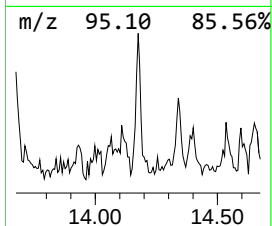
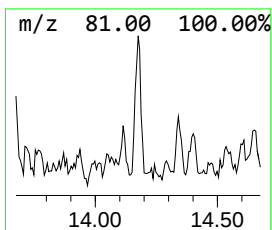
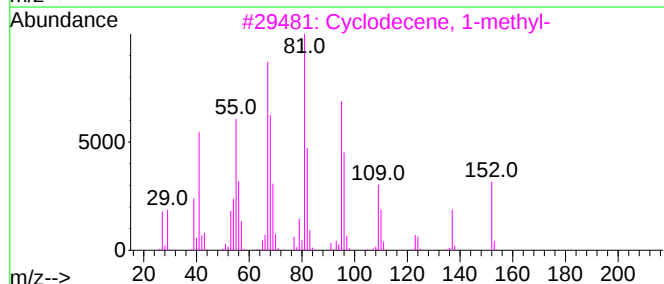
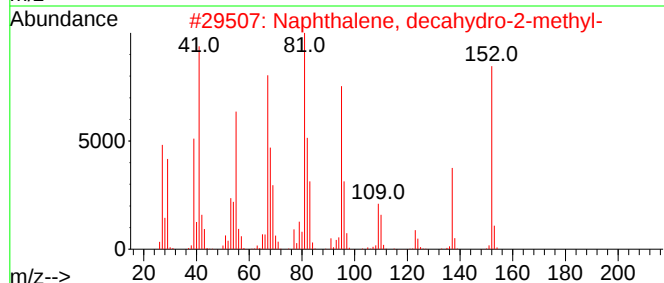
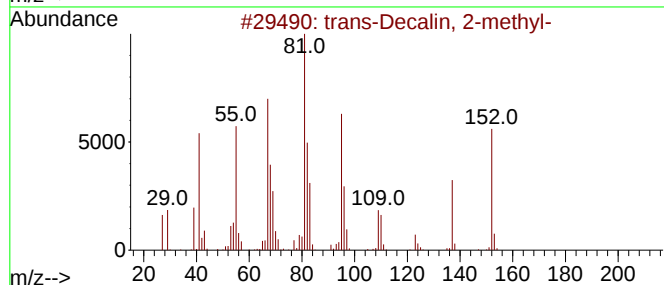
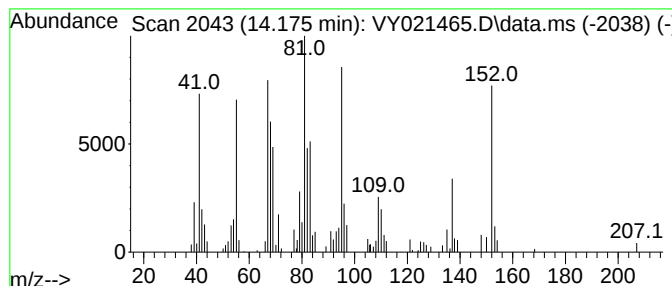
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Quant Title : SW846 8260

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	30.39 ug/l	65254	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
5			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

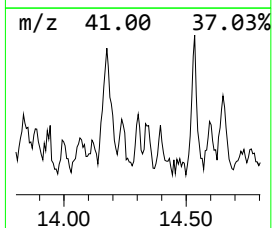
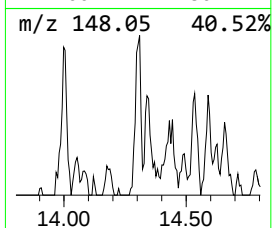
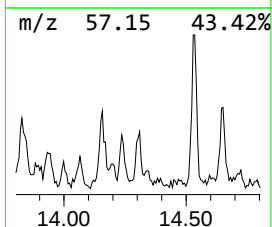
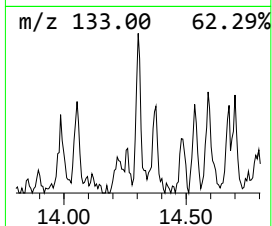
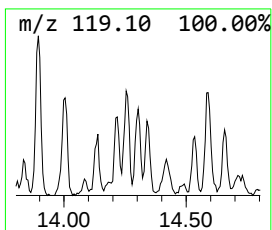
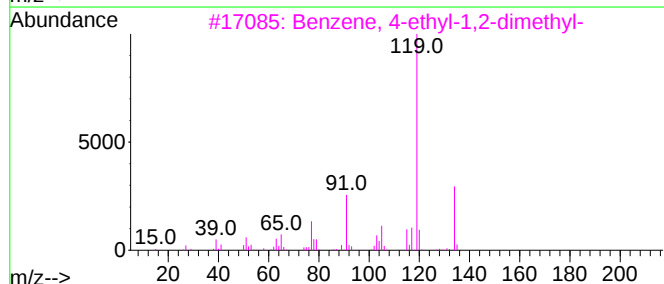
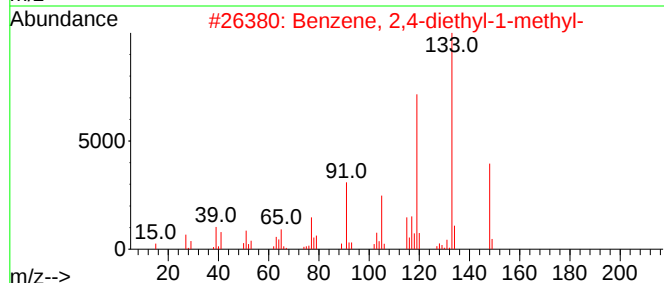
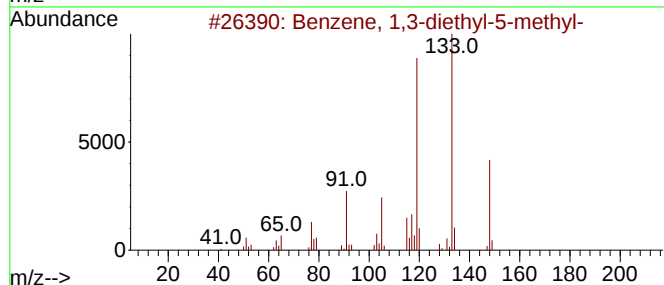
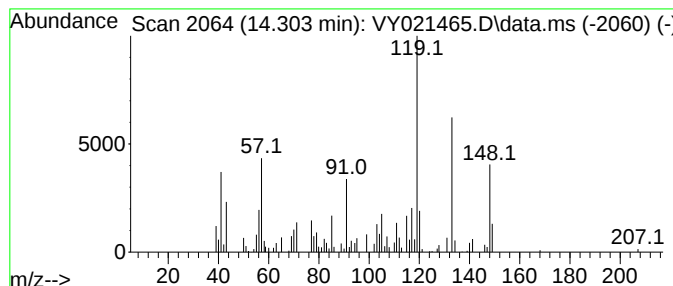
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MSVOA_Y
ClientSampleId :
AU-06-030625-E2

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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.303	15.64 ug/l	33573	1,4-Dichlorobenzene-d4		13.346	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-		148	C11H16	002050-24-0	52
2	Benzene, 2,4-diethyl-1-methyl-		148	C11H16	001758-85-6	49
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	46
4	6-Isobutyl-4-methyl-5,6-dihydro-...		176	C11H16N2	1000185-72-5	38
5	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

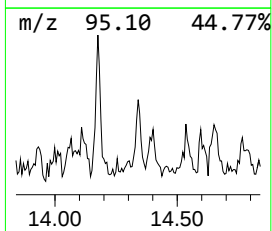
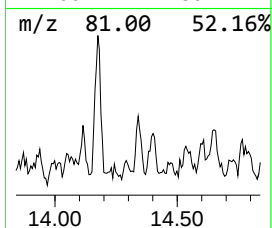
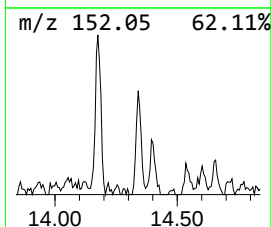
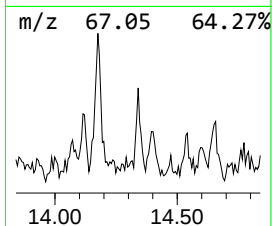
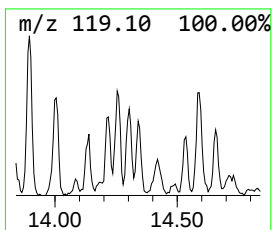
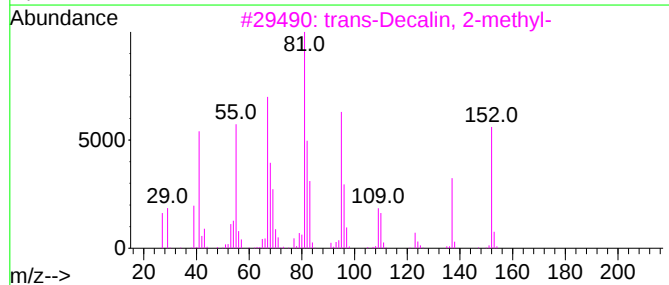
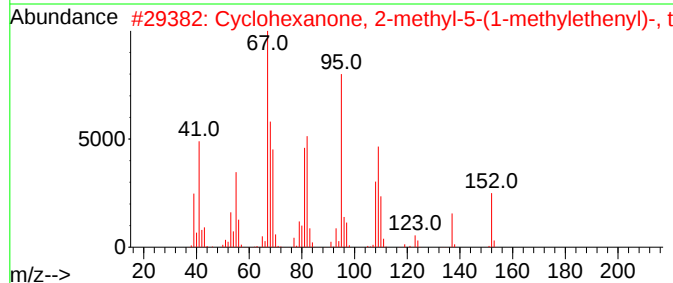
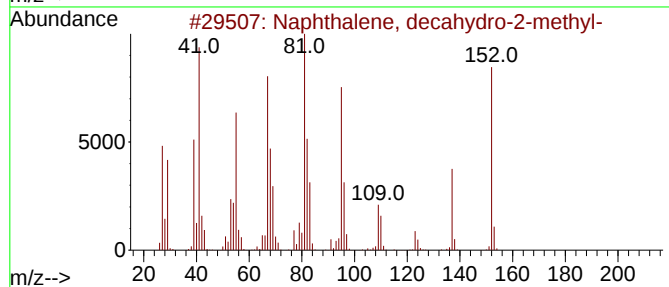
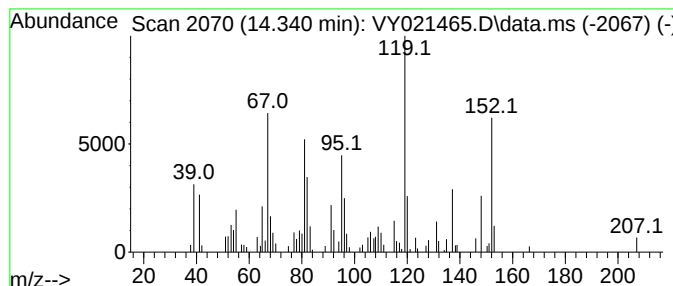
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Quant Title : SW846 8260

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

Peak Number 7 unknown 14.340 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.340	16.59 ug/l	35614	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
2			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	46
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	43
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
5			3a,7a-Epoxy-1H-inden-1-one, hexa...	152	C9H12O2	037079-31-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

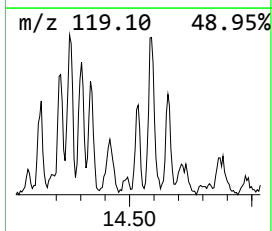
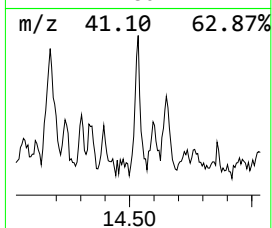
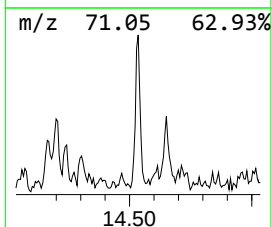
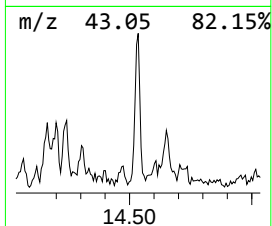
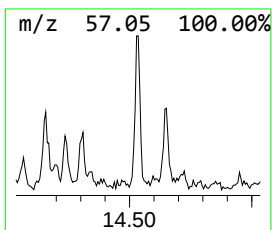
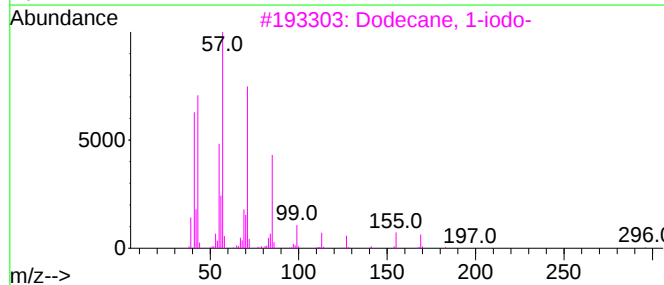
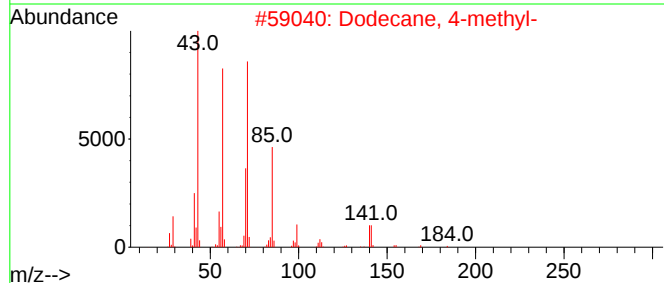
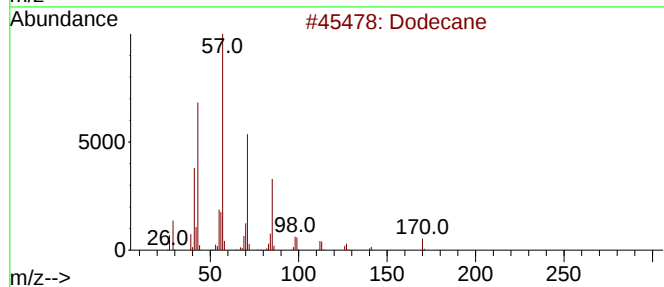
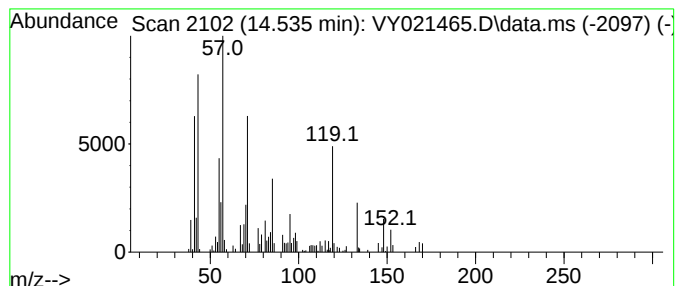
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Quant Title : SW846 8260

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

Peak Number 8 unknown 14.535 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.535	25.15 ug/l	53995	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	38
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	35
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
4			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	27
5			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

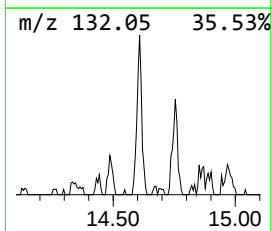
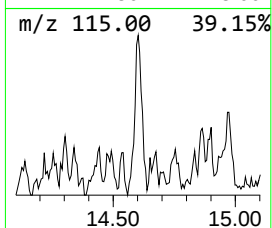
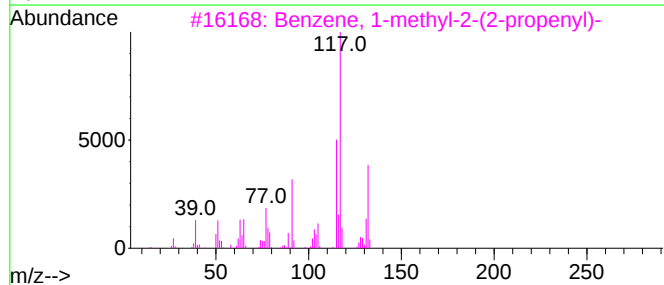
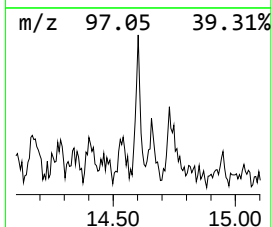
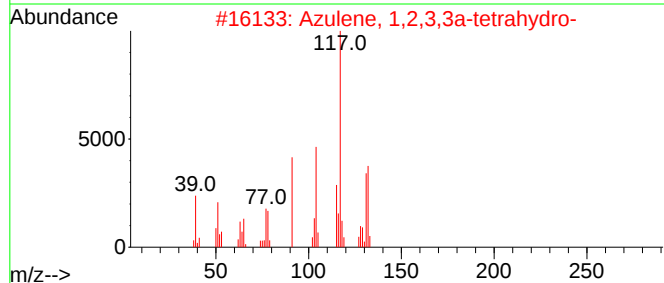
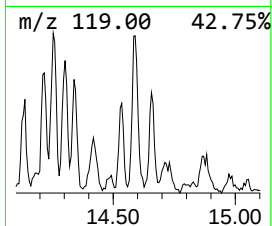
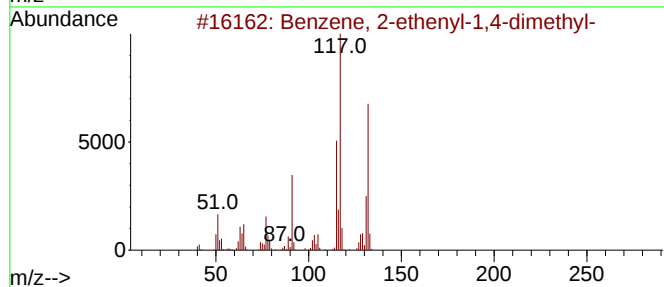
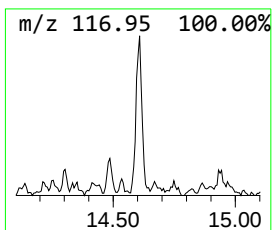
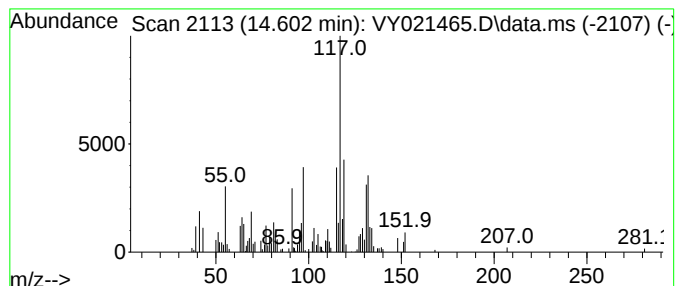
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	31.65 ug/l	67968	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
2			Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	50
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49
4			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	46
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

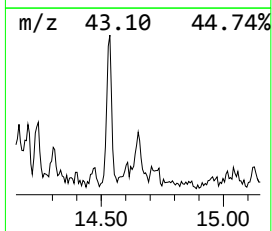
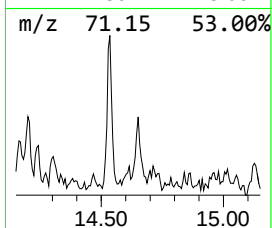
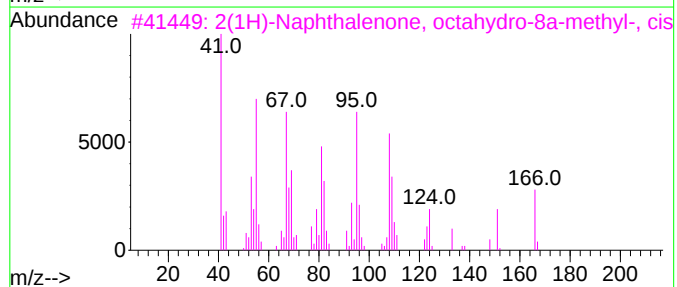
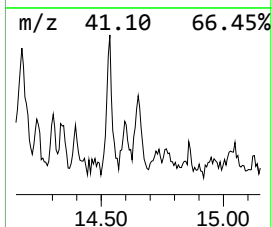
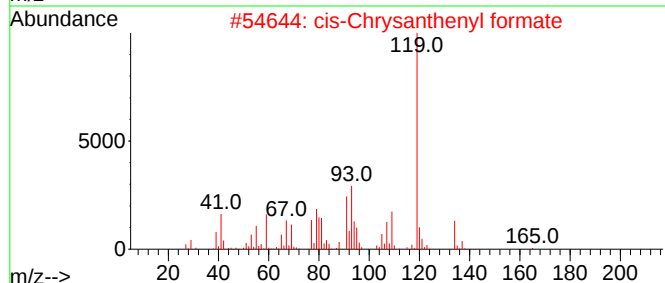
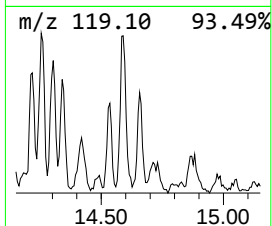
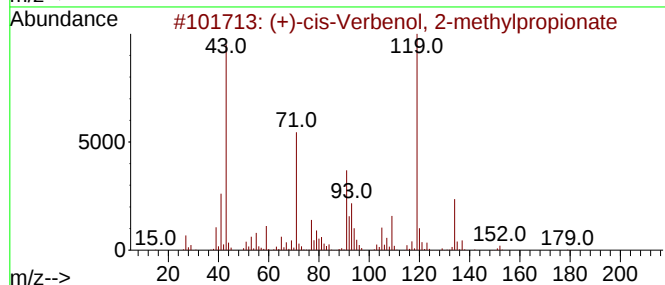
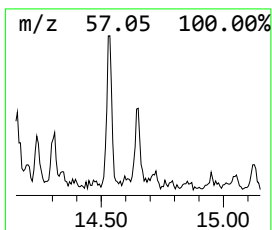
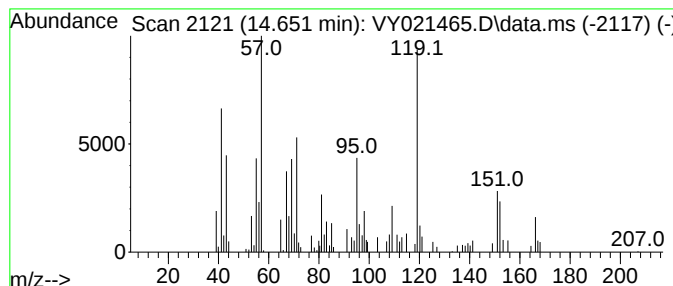
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Quant Title : SW846 8260

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

Peak Number 10 unknown 14.651 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	22.83 ug/l	49021	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-cis-Verbenol, 2-methylpropio...	222	C14H22O2	1000462-96-7	43		
2	cis-Chrysanthenyl formate	180	C11H16O2	241123-18-2	27		
3	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	002530-17-8	20		
4	o-Toluic acid, 3,5-difluoropheny...	248	C14H10F2O2	1000293-77-2	14		
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	14		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021465.D
Acq On : 07 Mar 2025 16:49
Operator : SY/MD
Sample : Q1515-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AU-06-030625-E2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.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
Decane, 4-methyl-	12.968	15.8	ug/l	33881	4	13.346	107364	50.0
Benzene, 1-meth...	13.236	23.4	ug/l	50212	4	13.346	107364	50.0
2-Piperidinone,...	13.675	69.6	ug/l	149526	4	13.346	107364	50.0
unknown 13.999	13.999	21.9	ug/l	47022	4	13.346	107364	50.0
trans-Decalin, ...	14.175	30.4	ug/l	65254	4	13.346	107364	50.0
Benzene, 1,3-di...	14.303	15.6	ug/l	33573	4	13.346	107364	50.0
unknown 14.340	14.340	16.6	ug/l	35614	4	13.346	107364	50.0
unknown 14.535	14.535	25.1	ug/l	53995	4	13.346	107364	50.0
Benzene, 2-ethe...	14.602	31.6	ug/l	67968	4	13.346	107364	50.0
unknown 14.651	14.651	22.8	ug/l	49021	4	13.346	107364	50.0