

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020806.D
 Acq On : 08 Jan 2025 13:00
 Operator : SY/MD
 Sample : Q1029-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-01072025

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Title : SW846 8260

Signal : TIC: VY020806.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.896	846	849	857	rVB2	1564	3083	1.98%	0.163%
2	7.646	963	972	978	rBV2	23797	59310	38.06%	3.144%
3	7.719	978	984	998	rVB	46328	104999	67.37%	5.566%
4	8.073	1034	1042	1052	rBV	18083	40666	26.09%	2.156%
5	8.622	1125	1132	1143	rBV	61206	121878	78.20%	6.460%
6	10.115	1369	1377	1385	rBV	91641	155849	100.00%	8.261%
7	11.426	1585	1592	1604	rVB	73414	119148	76.45%	6.316%
8	11.645	1621	1628	1637	rBV5	3808	6541	4.20%	0.347%
9	12.060	1690	1696	1700	rBV3	1823	3030	1.94%	0.161%
10	12.145	1704	1710	1711	rBV6	965	1860	1.19%	0.099%
11	12.176	1711	1715	1721	rVB6	2304	4292	2.75%	0.228%
12	12.347	1740	1743	1745	rVV3	3650	4912	3.15%	0.260%
13	12.371	1745	1747	1750	rVV4	3726	5687	3.65%	0.301%
14	12.414	1750	1754	1759	rVV2	48298	78888	50.62%	4.182%
15	12.456	1759	1761	1767	rVB2	4751	5625	3.61%	0.298%
16	12.578	1777	1781	1784	rBV5	1784	3150	2.02%	0.167%
17	12.670	1788	1796	1799	rBV3	7305	13127	8.42%	0.696%
18	12.737	1799	1807	1813	rVB2	43911	71298	45.75%	3.779%
19	12.792	1813	1816	1821	rVB5	5352	8331	5.35%	0.442%
20	12.859	1821	1827	1828	rBV4	1428	2532	1.62%	0.134%
21	12.901	1828	1834	1838	rBV7	4869	12815	8.22%	0.679%
22	12.938	1838	1840	1842	rVV3	2051	2071	1.33%	0.110%
23	12.974	1842	1846	1852	rVB2	13469	21669	13.90%	1.149%
24	13.054	1852	1859	1863	rBV	15566	27551	17.68%	1.460%
25	13.102	1863	1867	1871	rVB7	3544	4659	2.99%	0.247%
26	13.163	1871	1877	1878	rBV5	4037	7127	4.57%	0.378%
27	13.176	1878	1879	1884	rVB4	5943	6593	4.23%	0.349%
28	13.249	1884	1891	1895	rBV5	16106	33583	21.55%	1.780%
29	13.298	1895	1899	1902	rBV2	9067	12661	8.12%	0.671%
30	13.359	1902	1909	1918	rVB2	60973	114273	73.32%	6.057%
31	13.432	1918	1921	1925	rVB2	10500	13698	8.79%	0.726%
32	13.493	1925	1931	1933	rBV6	3331	6463	4.15%	0.343%
33	13.554	1933	1941	1945	rBV	16096	26726	17.15%	1.417%
34	13.596	1945	1948	1956	rVB4	12066	24197	15.53%	1.283%
35	13.682	1956	1962	1967	rBV	76635	116086	74.49%	6.153%
36	13.724	1967	1969	1971	rBV2	4180	4009	2.57%	0.213%

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Sampling : 1

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Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Title : SW846 8260

37	13.755	1971	1974	1980	rVB	5659	9557	6.13%	0.507%
38	13.816	1981	1984	1985	rBV	4524	4095	2.63%	0.217%
39	13.846	1986	1989	1994	rVB6	14185	18990	12.18%	1.007%
40	13.901	1994	1998	2002	rVB	16826	23370	15.00%	1.239%
41	13.944	2002	2005	2010	rVB7	7826	13161	8.44%	0.698%
42	14.011	2010	2016	2021	rBV3	23849	37834	24.28%	2.005%
43	14.078	2021	2027	2032	rBV7	8452	22106	14.18%	1.172%
44	14.127	2032	2035	2038	rBV4	4416	6964	4.47%	0.369%
45	14.182	2038	2044	2051	rBV10	24660	55146	35.38%	2.923%
46	14.310	2062	2065	2068	rBV2	16462	20281	13.01%	1.075%
47	14.346	2068	2071	2076	rVB2	17011	22503	14.44%	1.193%
48	14.407	2077	2081	2085	rBV6	7915	12907	8.28%	0.684%
49	14.450	2085	2088	2091	rVV3	6578	8197	5.26%	0.434%
50	14.492	2091	2095	2098	rVV2	9954	15914	10.21%	0.844%
51	14.541	2099	2103	2108	rVB2	39836	54494	34.97%	2.889%
52	14.608	2108	2114	2119	rBV5	28072	60153	38.60%	3.189%
53	14.663	2119	2123	2129	rVB4	17233	32330	20.74%	1.714%
54	14.761	2129	2139	2144	rBV4	16514	35323	22.66%	1.872%
55	14.834	2149	2151	2152	rVV2	3552	3375	2.17%	0.179%
56	14.870	2153	2157	2160	rVV5	12538	21254	13.64%	1.127%
57	14.907	2160	2163	2168	rVV5	5294	7966	5.11%	0.422%
58	14.980	2169	2175	2182	rVV3	9634	21216	13.61%	1.125%
59	15.053	2185	2187	2195	rVB6	6907	13374	8.58%	0.709%
60	15.133	2195	2200	2204	rBV6	7012	13210	8.48%	0.700%
61	15.212	2210	2213	2217	rBV4	7490	12200	7.83%	0.647%
62	15.261	2219	2221	2222	rBV2	3870	3103	1.99%	0.164%
63	15.352	2233	2236	2244	rVB5	7359	12749	8.18%	0.676%
64	15.437	2244	2250	2251	rBV4	4714	7112	4.56%	0.377%
65	15.517	2258	2263	2267	rBV5	3415	5682	3.65%	0.301%
66	15.608	2270	2278	2279	rVV7	3948	8680	5.57%	0.460%
67	15.645	2279	2284	2291	rVB4	11756	21414	13.74%	1.135%
68	15.736	2294	2299	2301	rBV5	1393	2131	1.37%	0.113%
69	15.791	2303	2308	2313	rBV8	2086	4654	2.99%	0.247%
70	15.943	2326	2333	2338	rBV7	4860	9502	6.10%	0.504%
71	16.139	2356	2365	2370	rBV8	4098	9295	5.96%	0.493%
72	16.199	2371	2375	2379	rVV6	1949	3569	2.29%	0.189%
73	16.260	2382	2385	2390	rVB6	1091	2051	1.32%	0.109%
74	16.388	2399	2406	2407	rBV5	1646	2298	1.47%	0.122%

Sum of corrected areas: 1886547

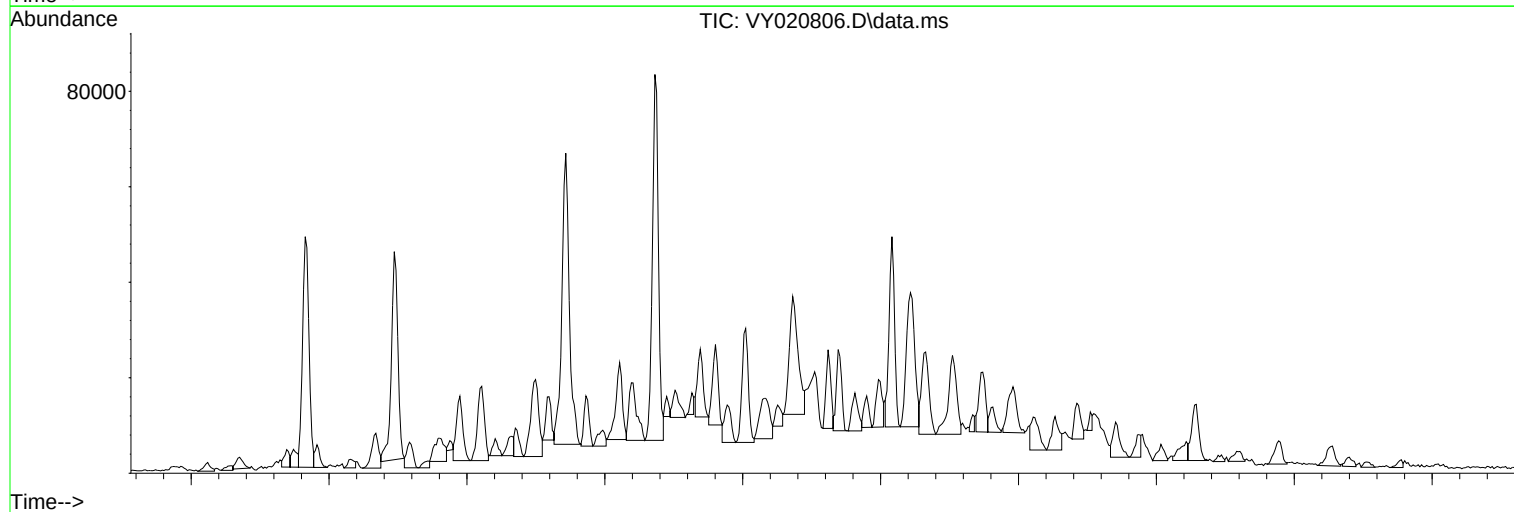
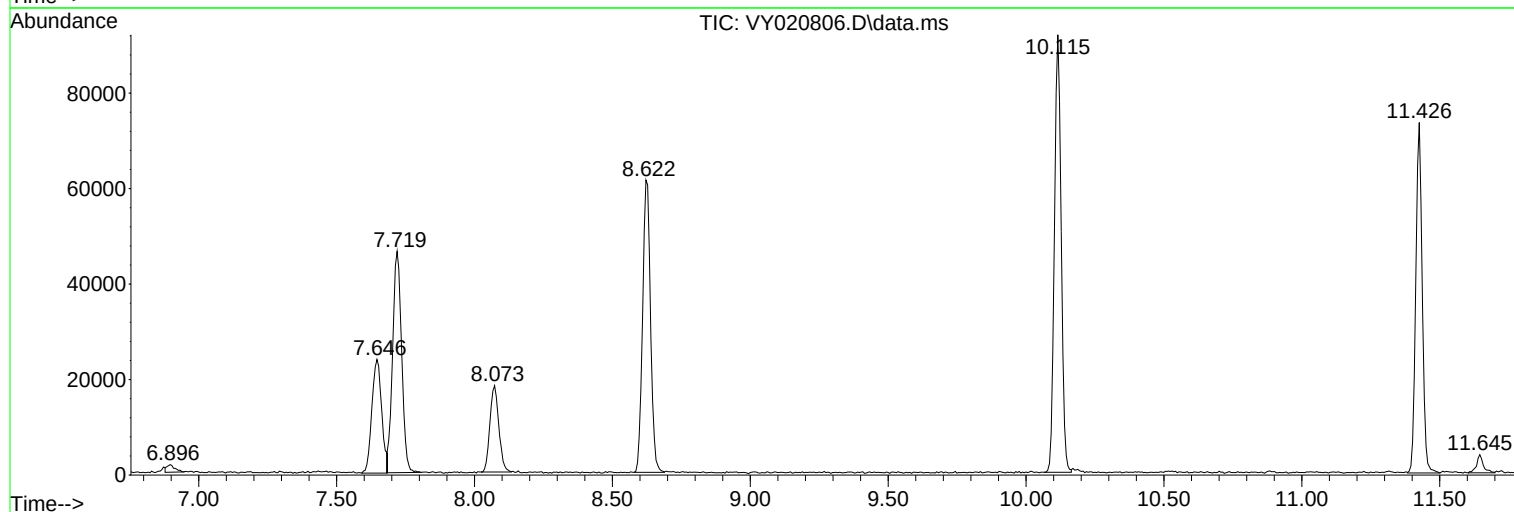
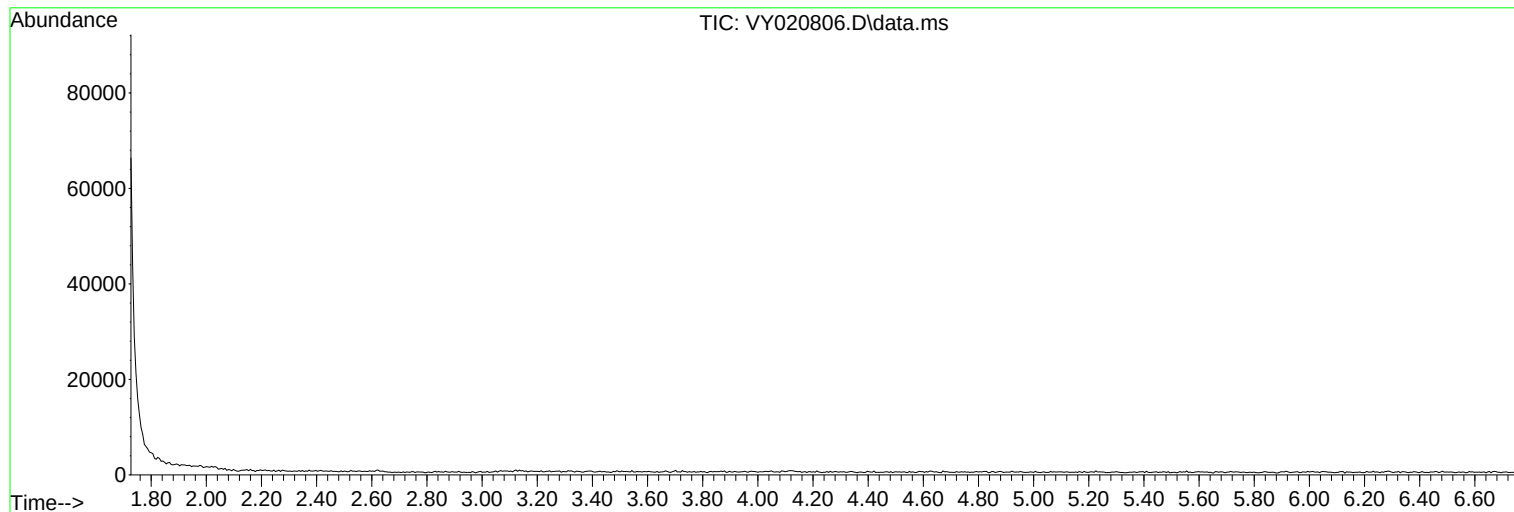
Instrument :
MSVOA_Y
ClientSampleId :
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MSVOA_Y
ClientSampleId :
HR-01-01072025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

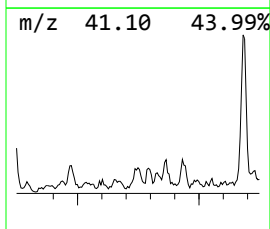
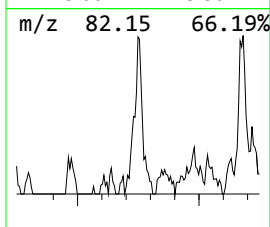
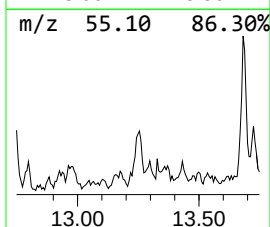
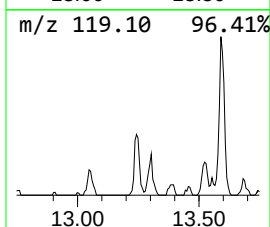
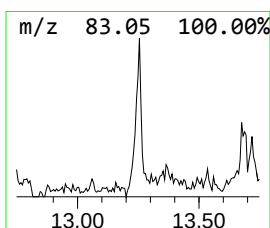
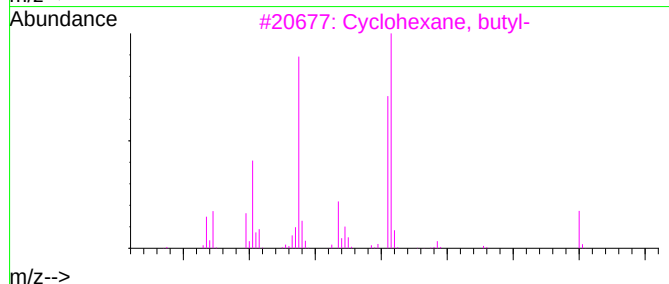
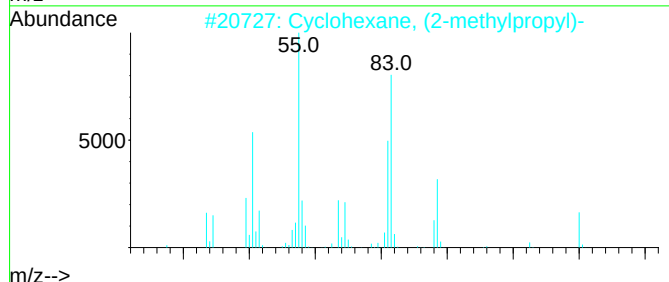
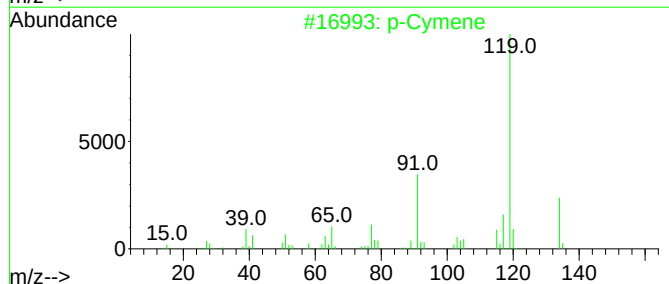
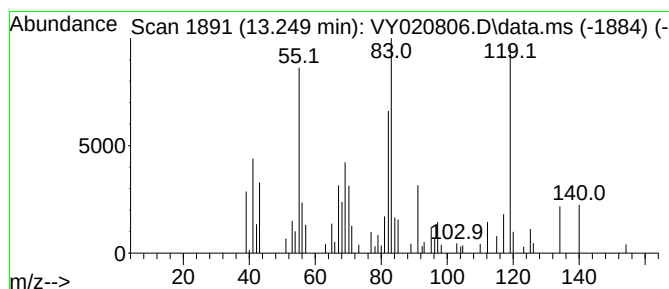
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 1 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.249	14.69 ug/l	33583	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	80
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
4	o-Cymene	134	C10H14	000527-84-4	42
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42



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MSVOA_Y
ClientSampleId :
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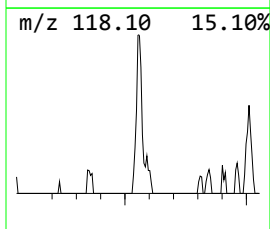
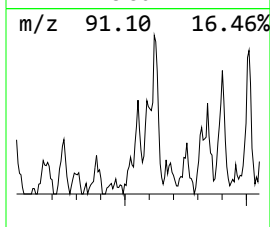
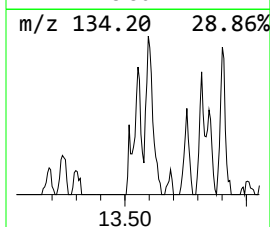
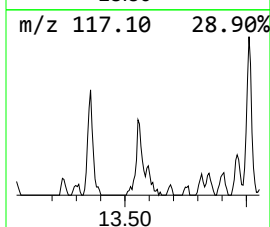
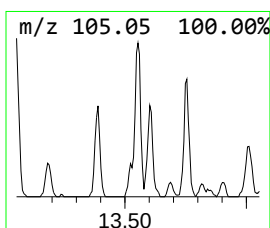
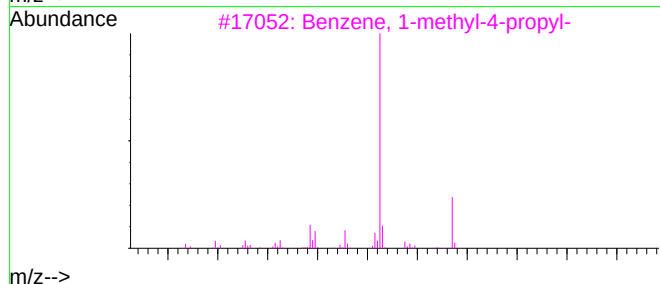
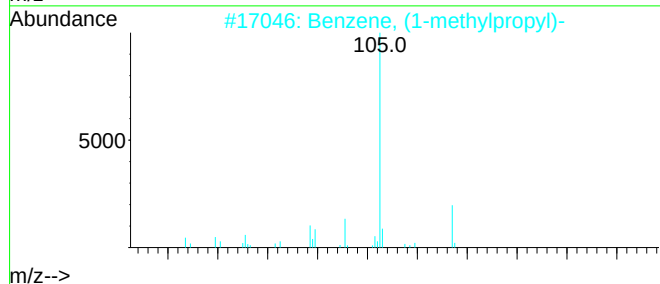
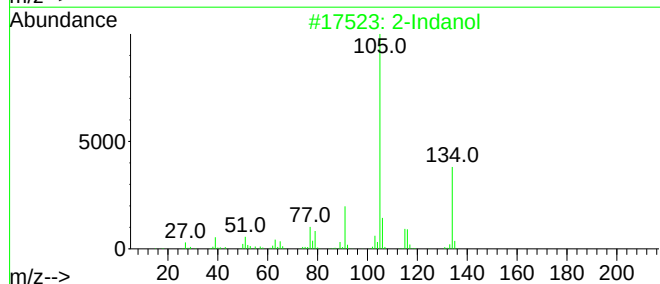
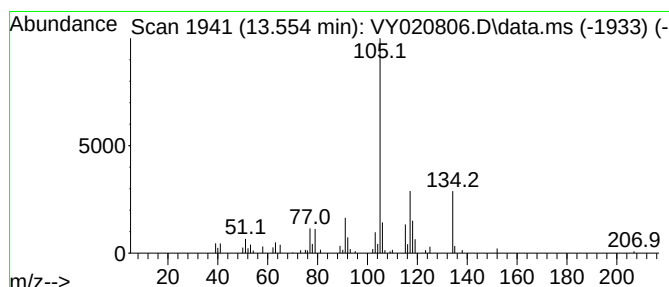
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Indanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	11.69 ug/l	26726	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	64
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
5	2-Tolylloxirane	134	C9H10O	002783-26-8	60



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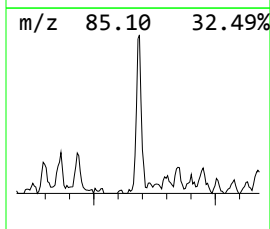
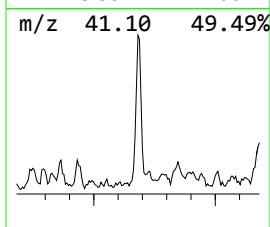
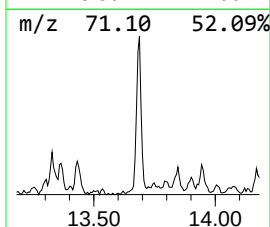
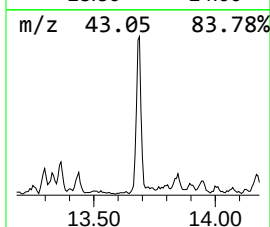
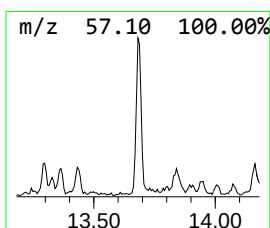
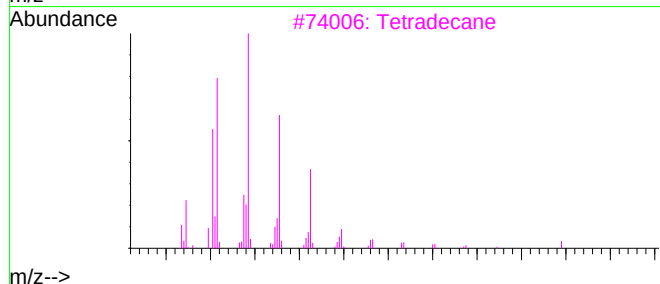
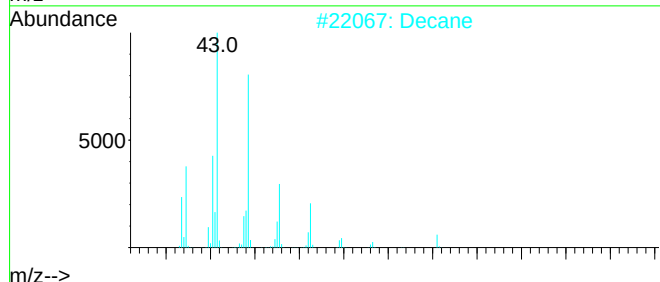
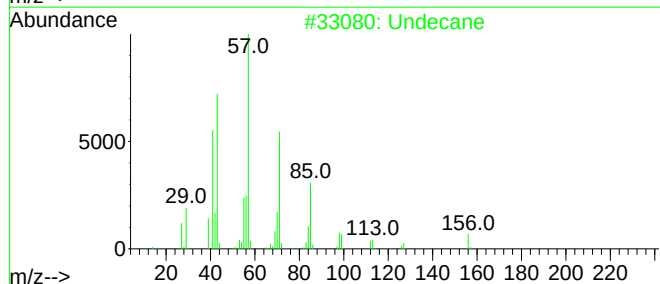
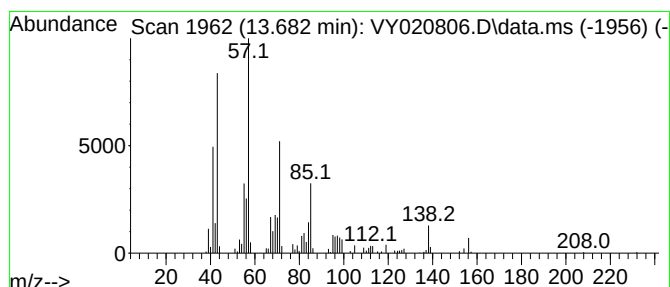
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Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.682	50.79 ug/l	116086	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Decane	142	C10H22	000124-18-5	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	64
5	Tridecane	184	C13H28	000629-50-5	64



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

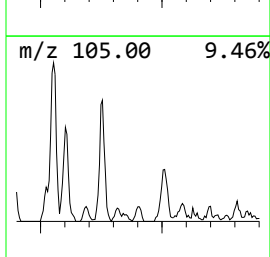
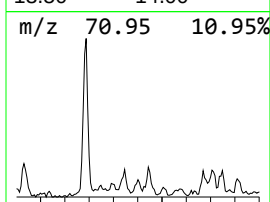
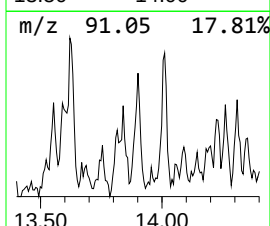
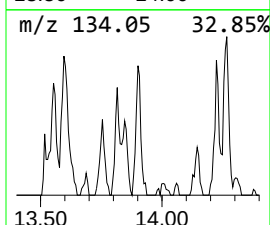
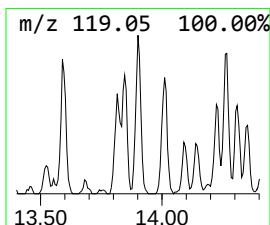
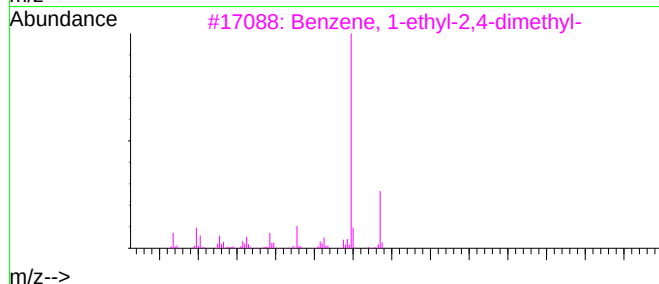
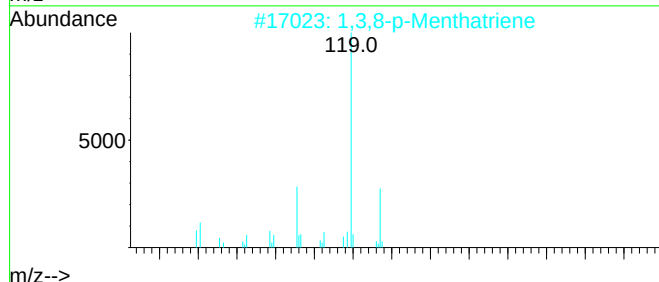
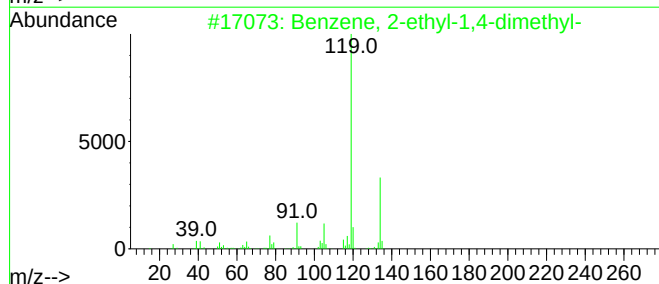
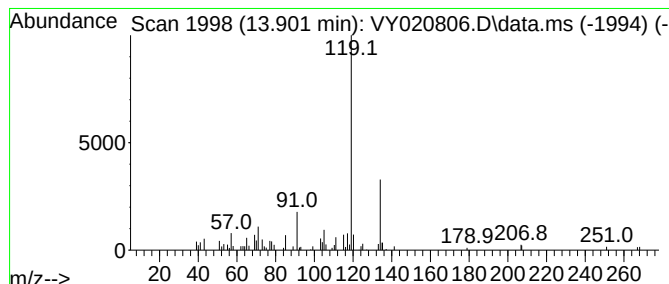
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.901	10.23 ug/l	23370	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

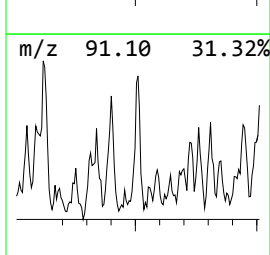
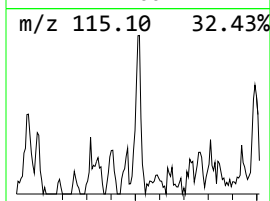
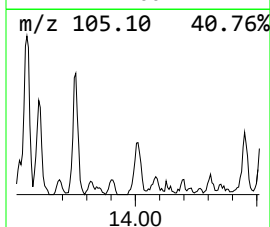
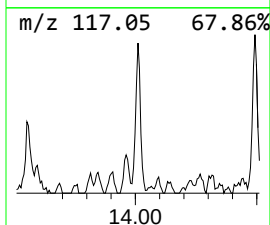
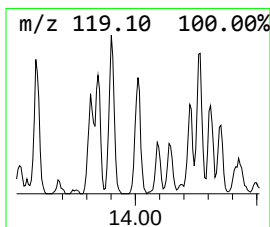
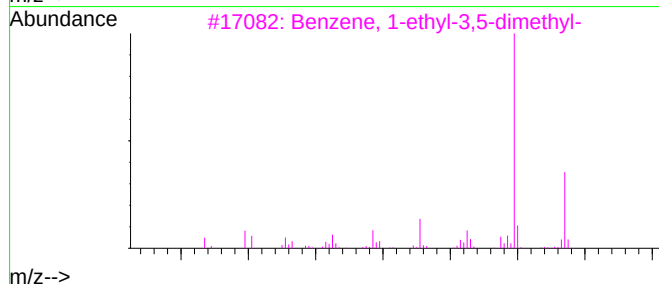
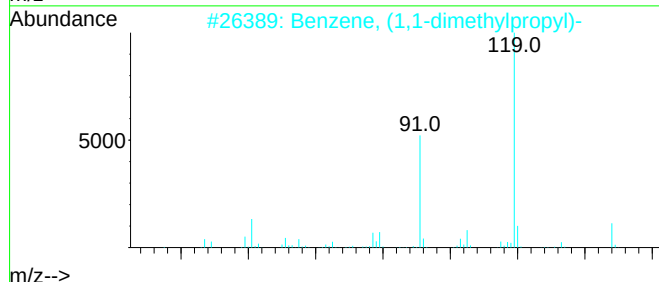
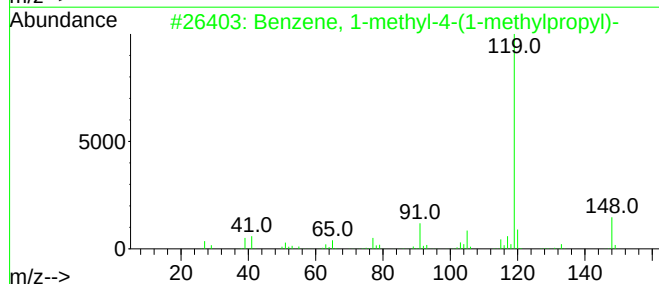
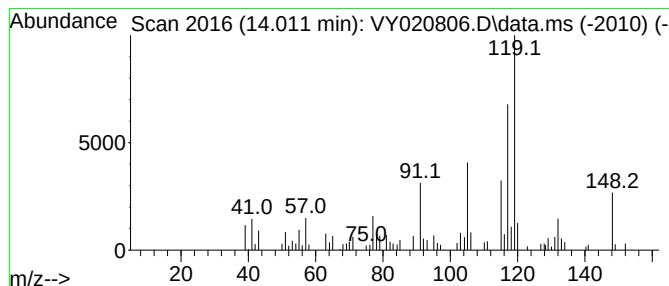
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	16.55 ug/l	37834	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	43
4	p-Cymene	134	C10H14	000099-87-6	43
5	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

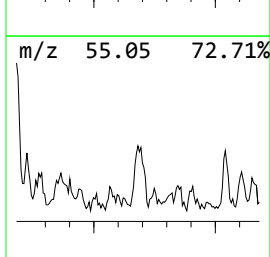
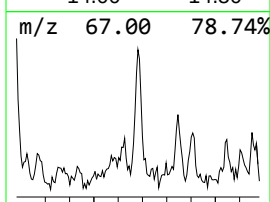
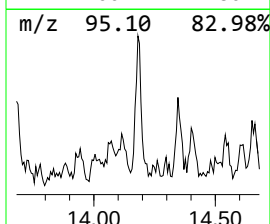
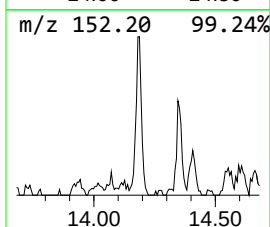
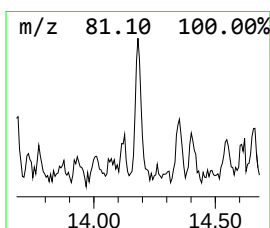
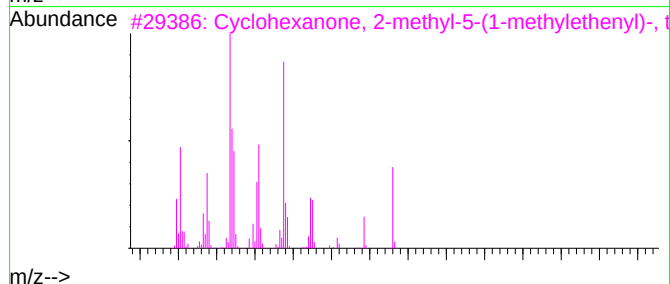
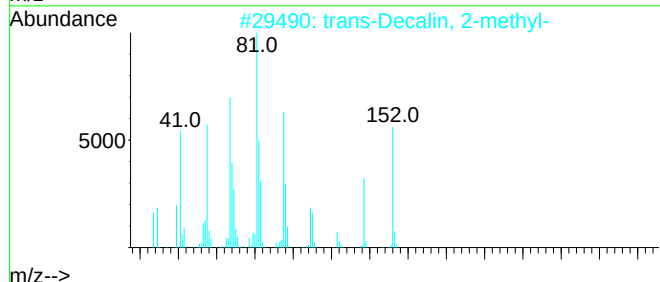
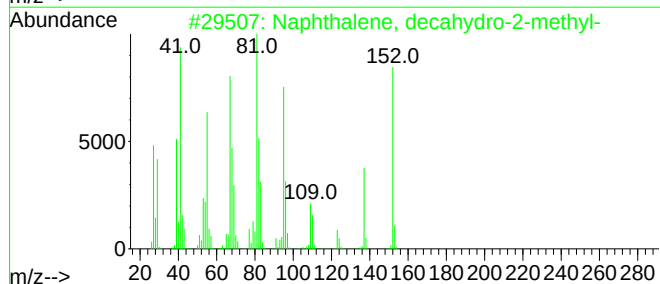
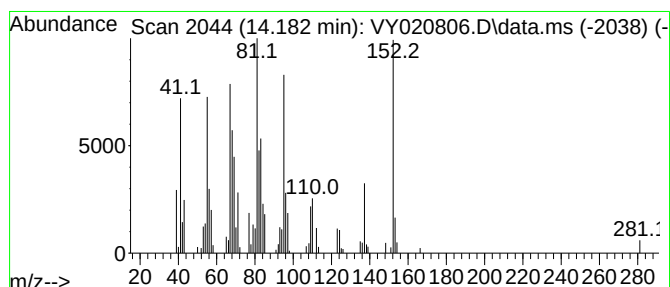
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.182	24.13 ug/l	55146	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	83
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	78
5	Pulegone	152	C10H16O	000089-82-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

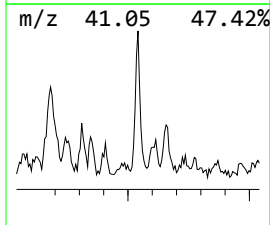
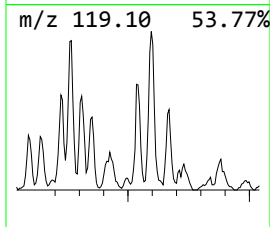
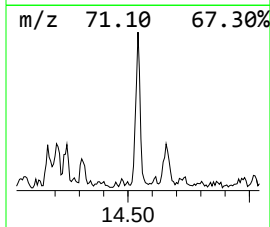
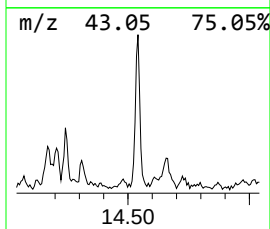
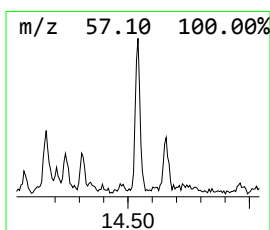
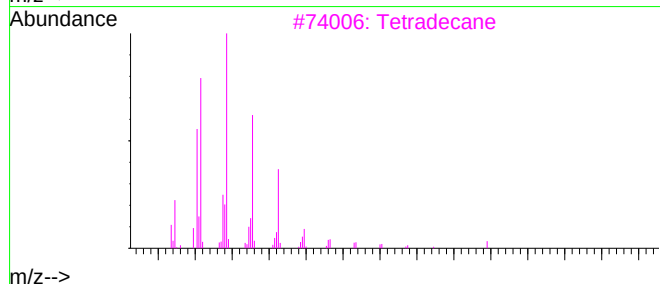
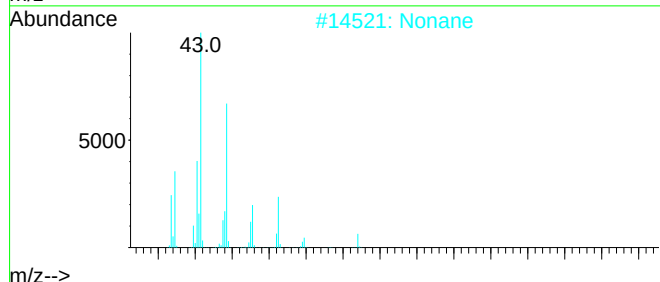
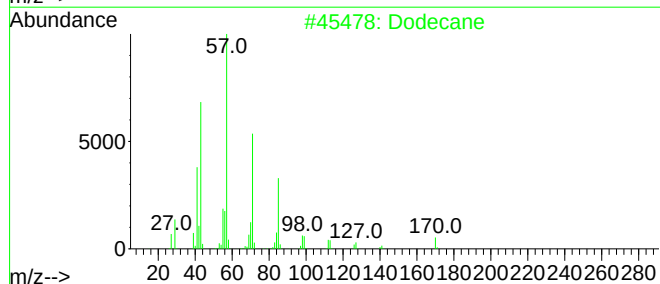
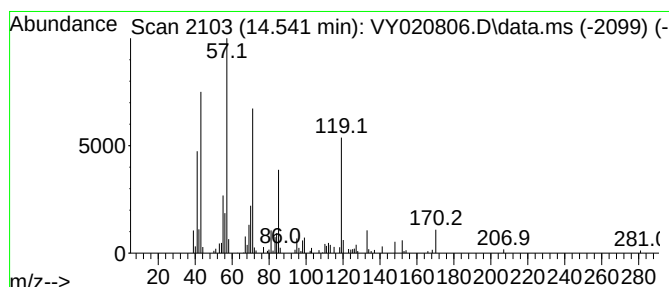
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Quant Title : SW846 8260

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

Peak Number 7 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	23.84 ug/l	54494	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	92
2	Nonane	128	C9H20	000111-84-2	55
3	Tetradecane	198	C14H30	000629-59-4	49
4	Tridecane	184	C13H28	000629-50-5	49
5	Pentadecane	212	C15H32	000629-62-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

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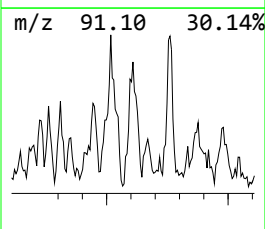
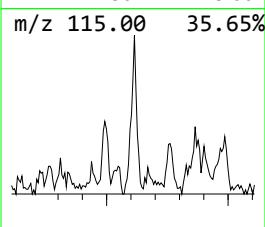
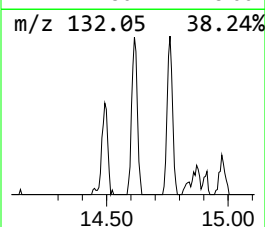
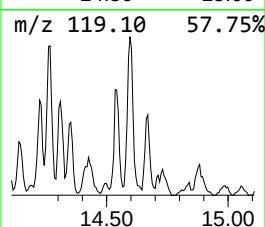
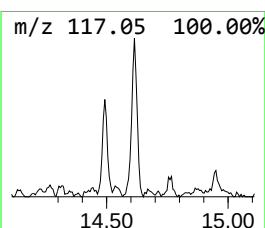
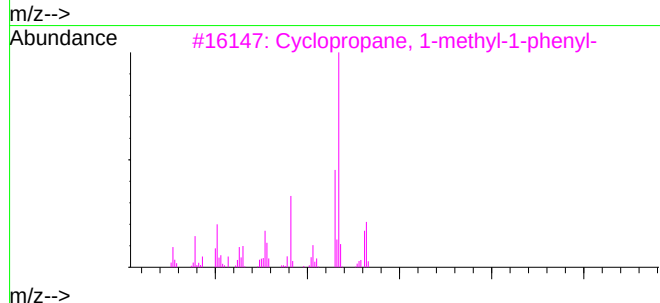
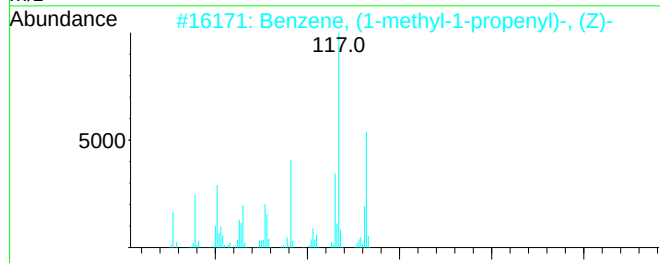
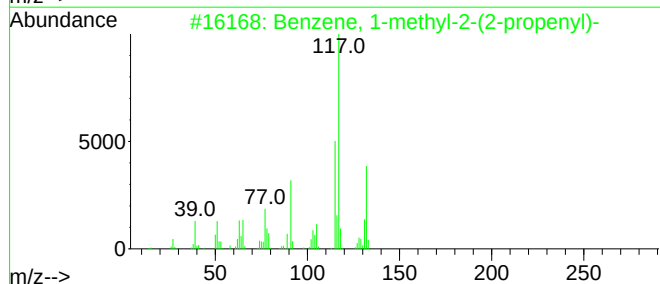
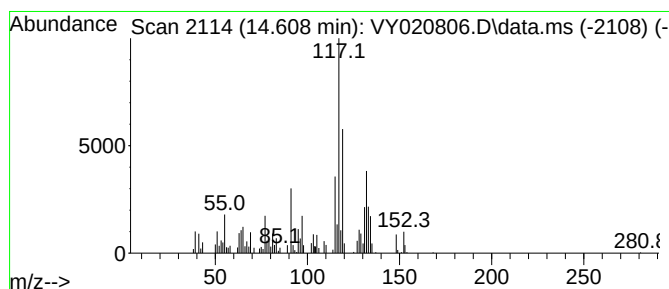
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-2-(2-propenyl) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.608	26.32 ug/l	60153	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	60
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

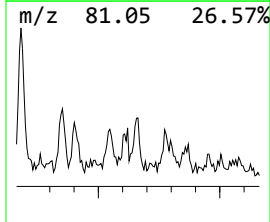
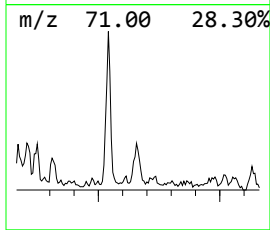
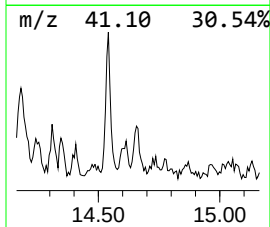
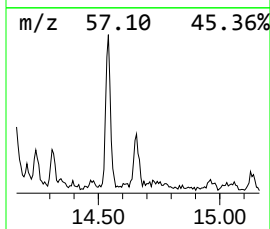
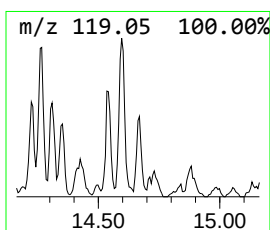
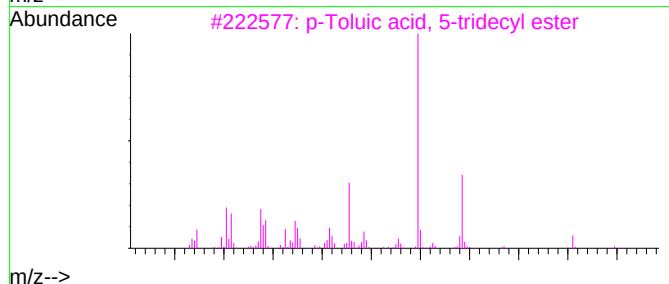
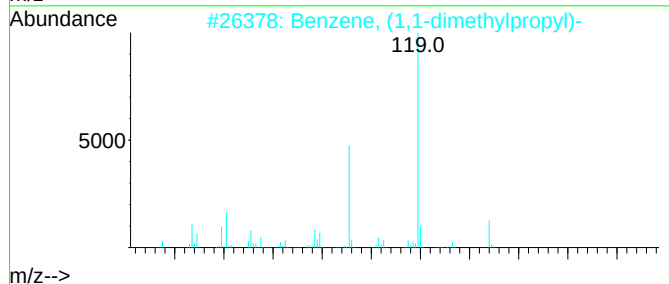
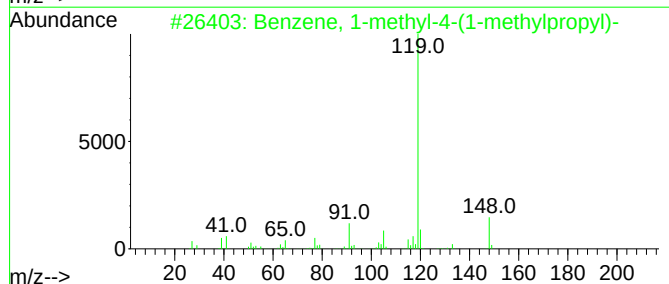
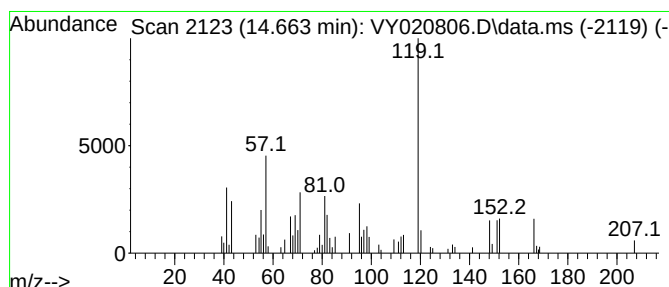
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown14.663 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	14.15 ug/l	32330	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
3	p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	37
4	o-Toluic acid, oct-3-en-2-yl ester	246	C16H22O2	1000292-51-3	35
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

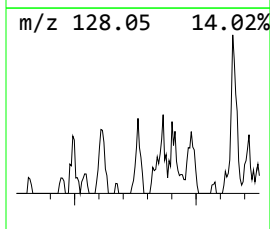
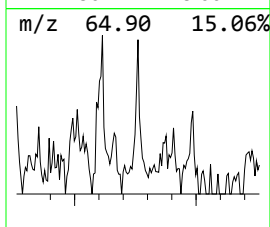
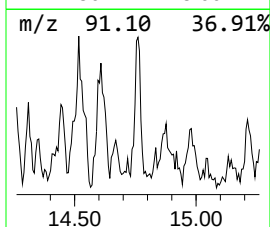
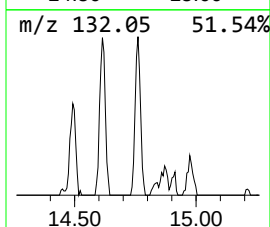
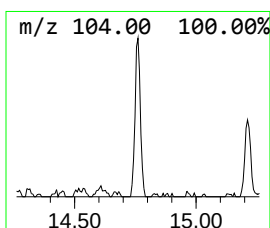
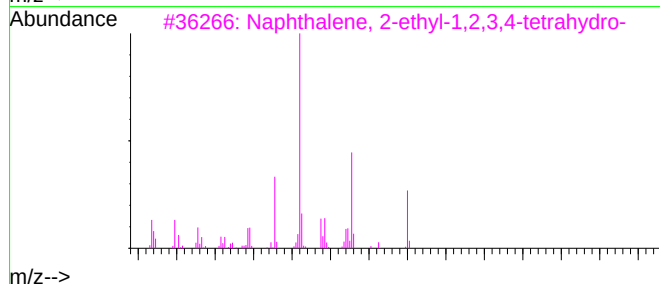
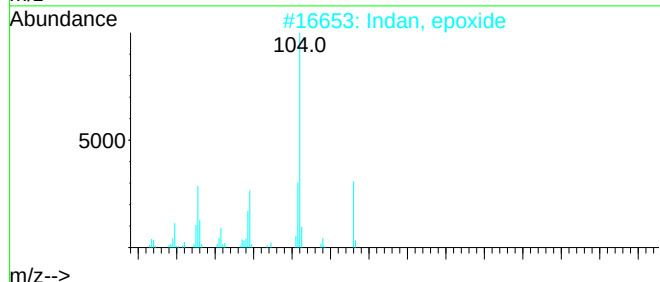
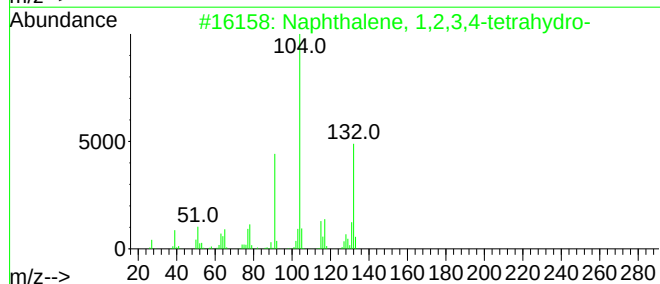
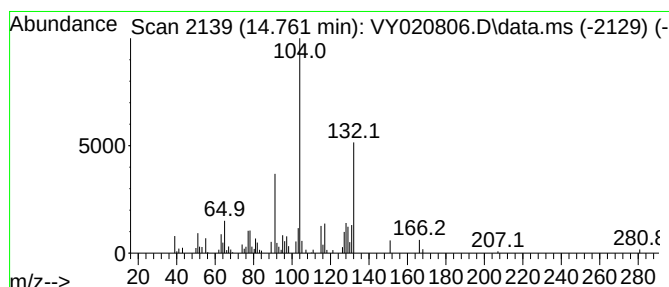
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	15.46 ug/l	35323	1,4-Dichlorobenzene-d4	13.358

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
2	Indan, epoxide	132	C9H8O	000768-22-9	53
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
5	Acetic acid, trichloro-, 2-pheny...	266	C10H9Cl3O2	071965-07-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020806.D
Acq On : 08 Jan 2025 13:00
Operator : SY/MD
Sample : Q1029-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-01072025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.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
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2-Indanol	13.554	11.7	ug/l	26726	4	13.358	114273	50.0
Undecane	13.682	50.8	ug/l	116086	4	13.358	114273	50.0
Benzene, 2-ethy...	13.901	10.2	ug/l	23370	4	13.358	114273	50.0
Benzene, 1-meth...	14.011	16.6	ug/l	37834	4	13.358	114273	50.0
Naphthalene, de...	14.182	24.1	ug/l	55146	4	13.358	114273	50.0
Dodecane	14.541	23.8	ug/l	54494	4	13.358	114273	50.0
Benzene, 1-meth...	14.608	26.3	ug/l	60153	4	13.358	114273	50.0
unknown14.663	14.663	14.2	ug/l	32330	4	13.358	114273	50.0
Naphthalene, 1,...	14.761	15.5	ug/l	35323	4	13.358	114273	50.0