

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020785.D
 Acq On : 06 Jan 2025 15:58
 Operator : SY/MD
 Sample : Q1010-02
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-010325

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: VY020785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.646	961	972	978	rBV3	6498	15356	36.72%	4.420%
2	7.719	978	984	995	rVB2	14504	33780	80.77%	9.724%
3	8.073	1035	1042	1049	rVB	4669	9282	22.20%	2.672%
4	8.628	1124	1133	1145	rBV	17473	35426	84.71%	10.197%
5	10.115	1369	1377	1385	rBV	23811	41820	100.00%	12.038%
6	11.426	1586	1592	1601	rVB	17407	28451	68.03%	8.190%
7	11.639	1621	1627	1632	rBV3	3012	5665	13.55%	1.631%
8	11.969	1676	1681	1688	rVB3	2066	3761	8.99%	1.083%
9	12.420	1749	1755	1760	rBV2	9321	14822	35.44%	4.267%
10	12.603	1779	1785	1791	rVB	1943	2888	6.91%	0.831%
11	12.670	1791	1796	1799	rBV	6329	9646	23.07%	2.777%
12	12.743	1804	1808	1814	rVB4	8009	12128	29.00%	3.491%
13	12.907	1828	1835	1839	rBV2	3706	6396	15.29%	1.841%
14	12.975	1842	1846	1850	rVV5	1597	2386	5.71%	0.687%
15	13.054	1853	1859	1864	rVB2	11716	16544	39.56%	4.762%
16	13.182	1877	1880	1885	rVB2	2671	3416	8.17%	0.983%
17	13.255	1885	1892	1896	rBV4	3177	6098	14.58%	1.755%
18	13.304	1896	1900	1903	rVV	2362	3482	8.33%	1.002%
19	13.365	1903	1910	1912	rVV2	7690	13601	32.52%	3.915%
20	13.389	1912	1914	1919	rVB	4879	5657	13.53%	1.628%
21	13.560	1934	1942	1945	rBV3	4947	9316	22.28%	2.682%
22	13.602	1945	1949	1957	rVB5	4829	9334	22.32%	2.687%
23	13.682	1957	1962	1967	rBV5	5978	10265	24.55%	2.955%
24	13.755	1969	1974	1978	rBV	2005	2915	6.97%	0.839%
25	13.816	1980	1984	1986	rVV4	1989	2676	6.40%	0.770%
26	13.846	1986	1989	1994	rVV3	2508	3701	8.85%	1.065%
27	13.907	1995	1999	2003	rVB3	3273	4412	10.55%	1.270%
28	14.011	2011	2016	2022	rBV3	5138	8156	19.50%	2.348%
29	14.188	2041	2045	2049	rBV5	2039	3231	7.73%	0.930%
30	14.267	2055	2058	2062	rVB2	2573	3093	7.40%	0.890%
31	14.352	2068	2072	2076	rVB3	1755	2081	4.98%	0.599%
32	14.499	2091	2096	2100	rBV3	2073	3094	7.40%	0.891%
33	14.608	2107	2114	2120	rBV5	5153	10021	23.96%	2.885%
34	14.761	2133	2139	2144	rBV4	2797	4504	10.77%	1.296%

Sum of corrected areas: 347404

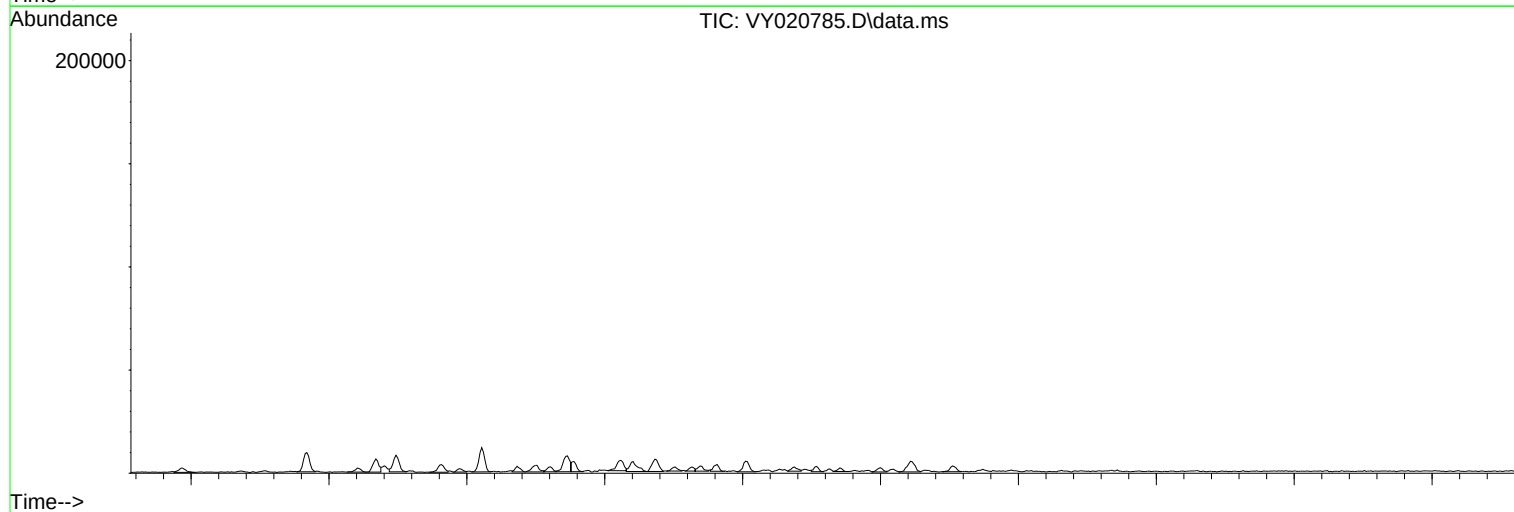
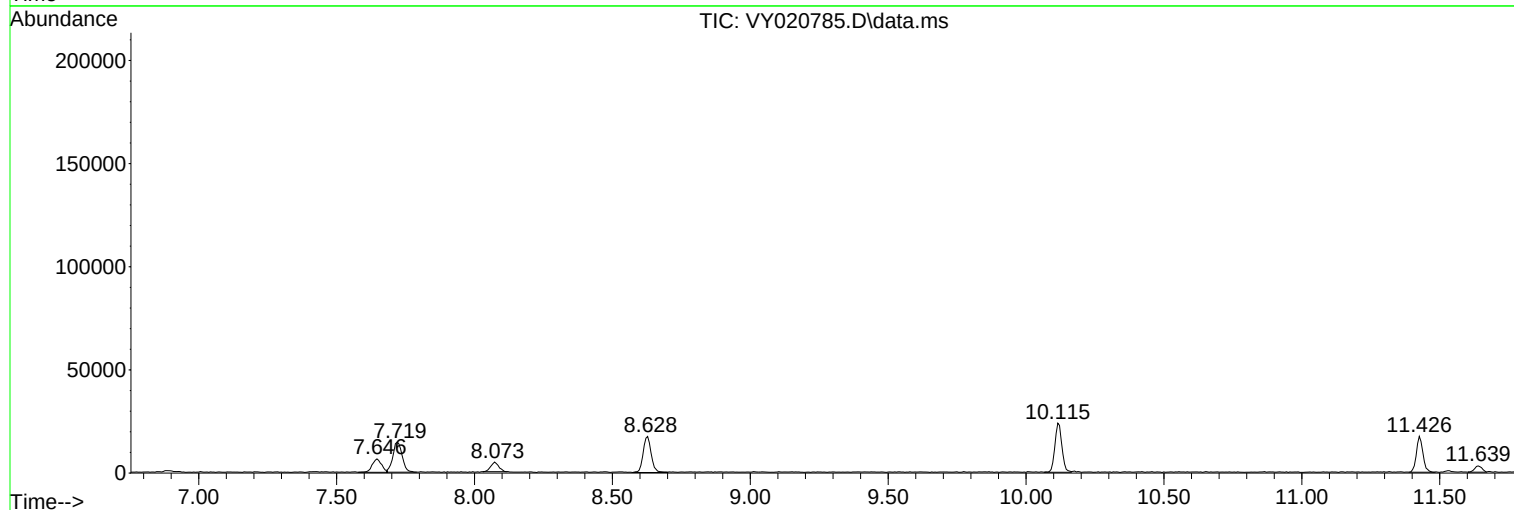
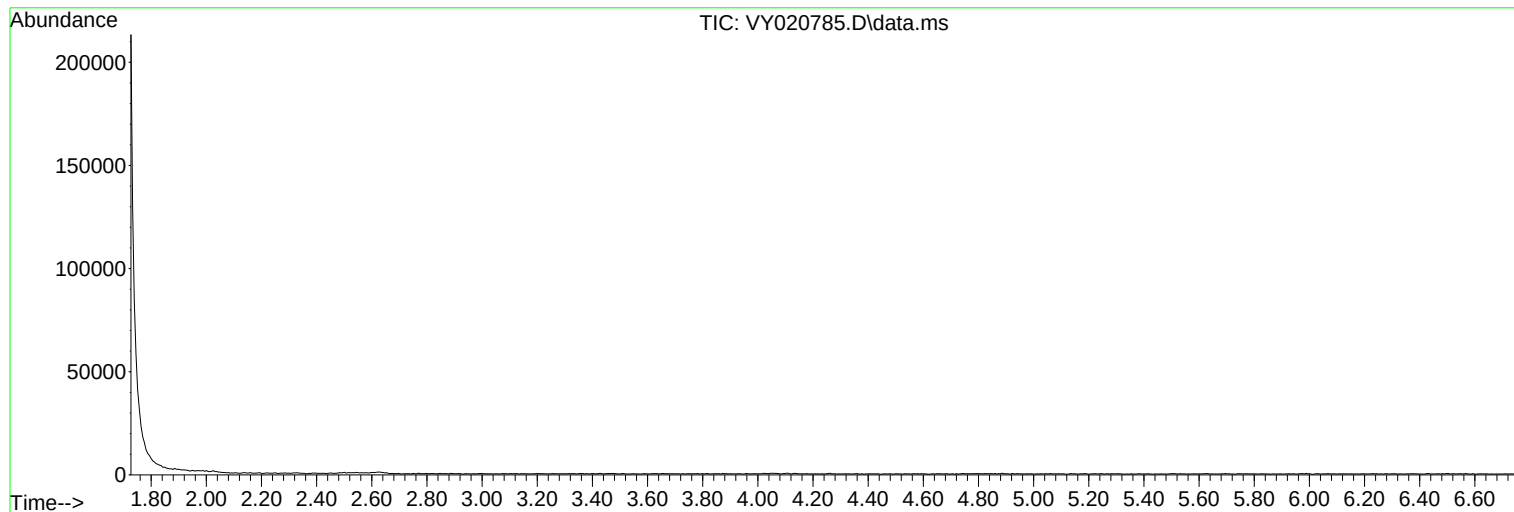
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

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

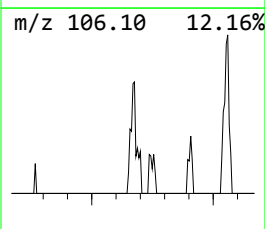
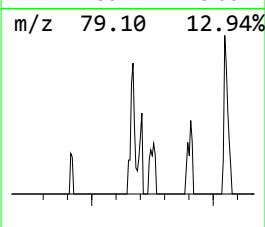
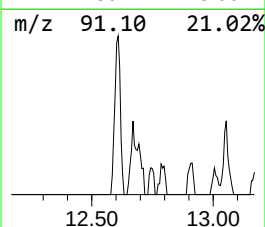
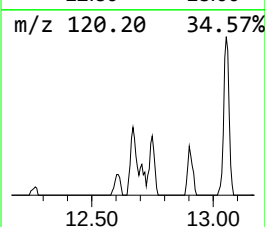
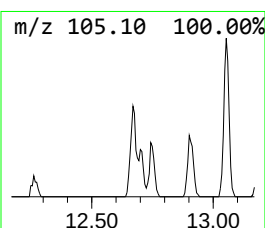
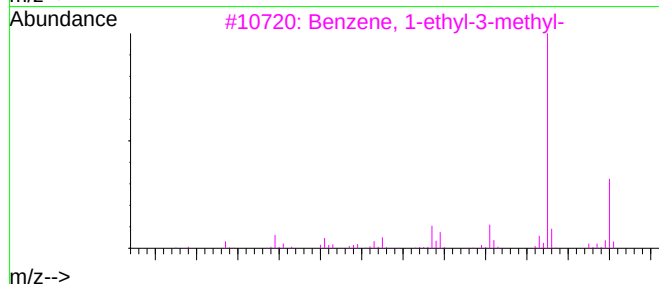
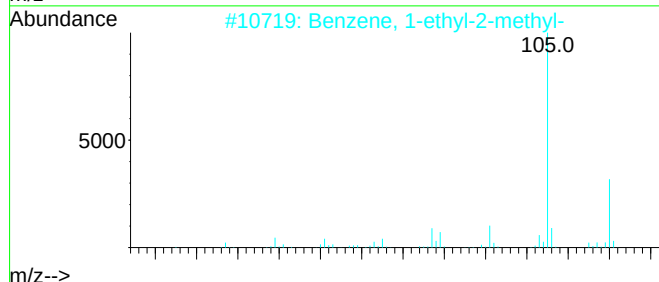
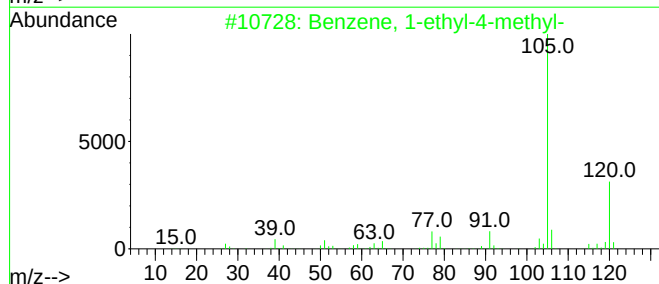
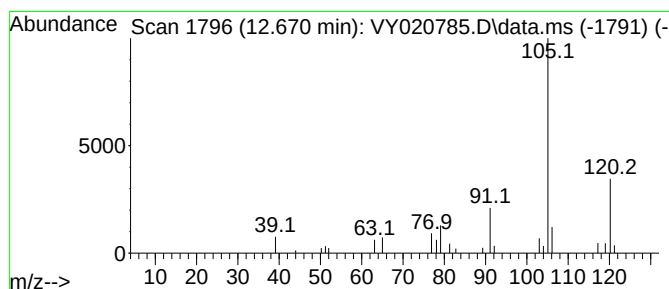
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	35.46 ug/l	9646	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

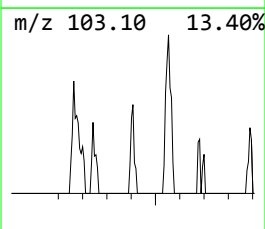
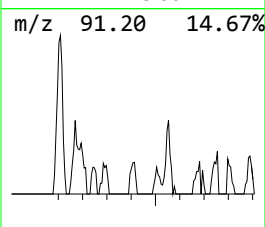
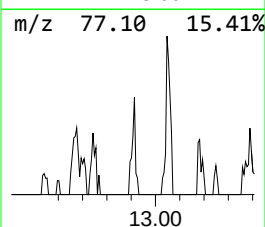
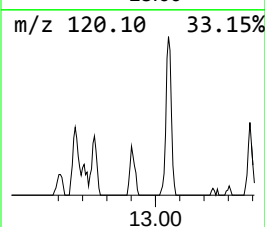
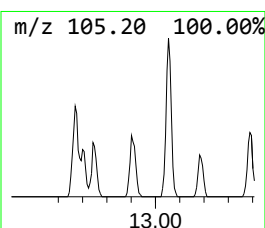
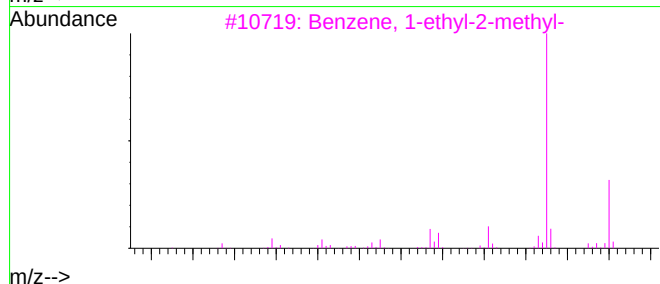
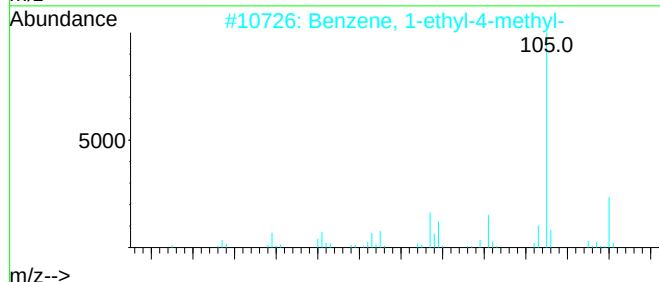
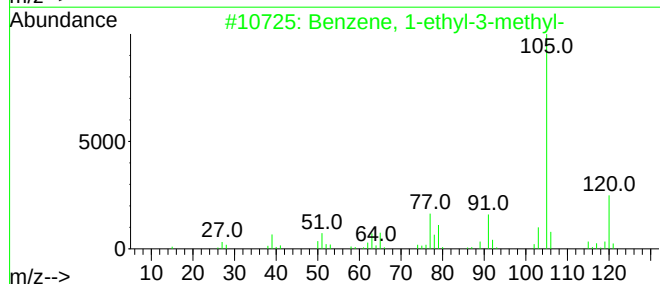
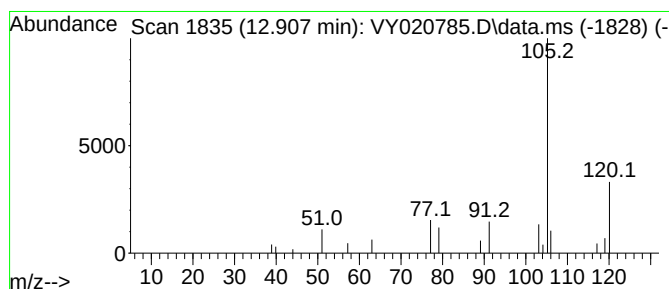
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	23.51 ug/l	6396	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

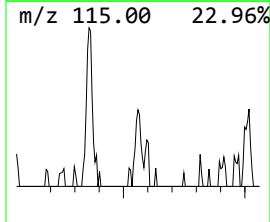
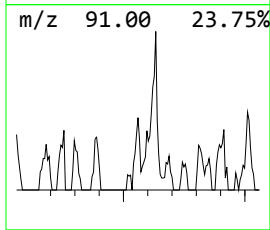
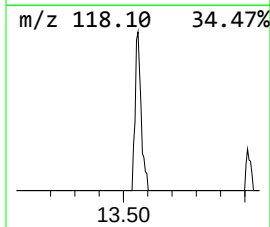
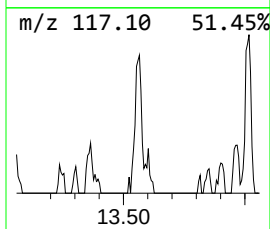
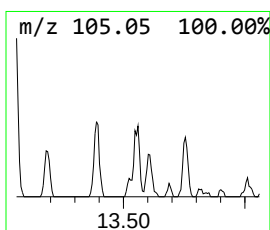
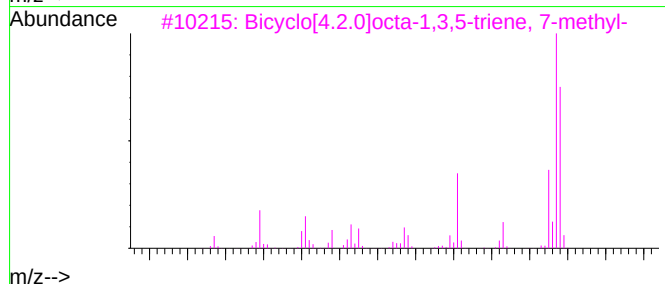
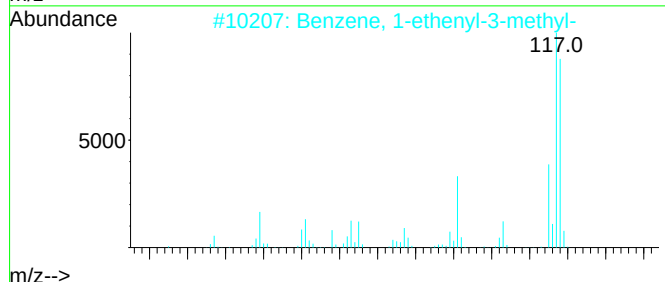
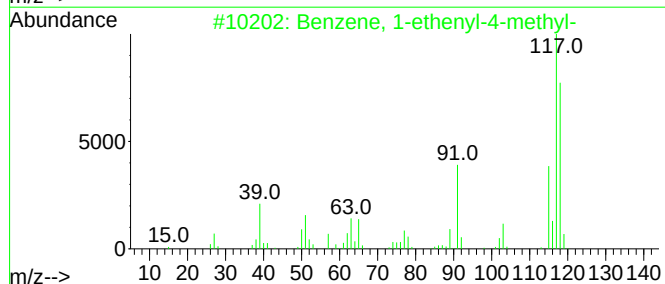
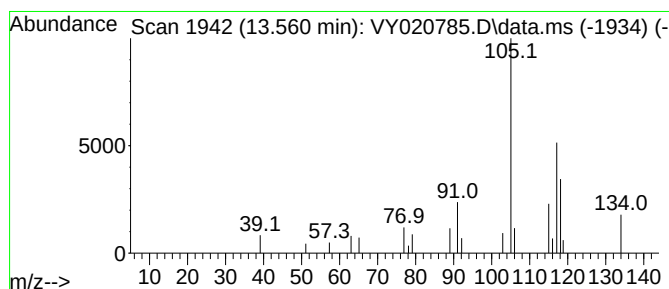
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown13.560 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.560	34.25 ug/l	9316	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	49
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	46
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
5	Indane	118	C9H10	000496-11-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

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

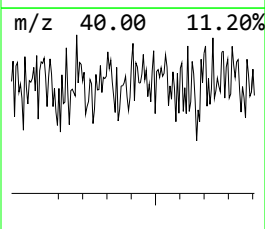
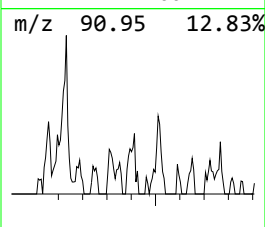
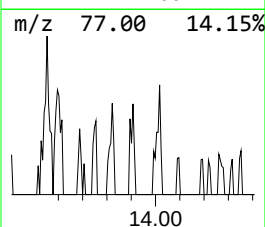
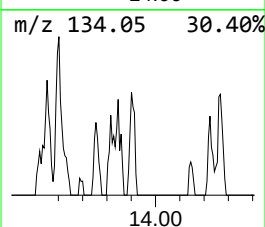
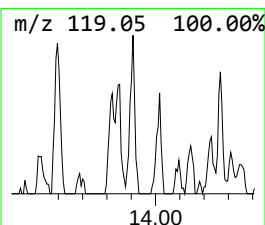
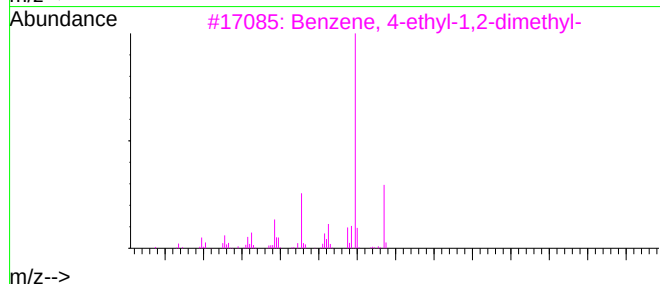
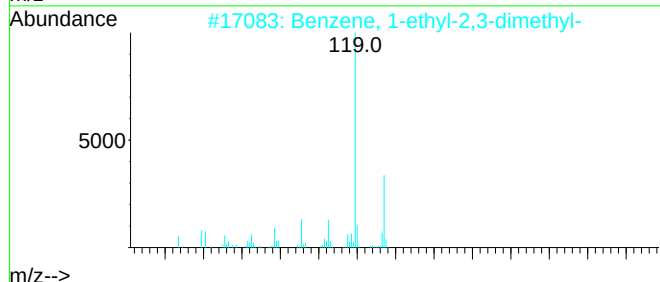
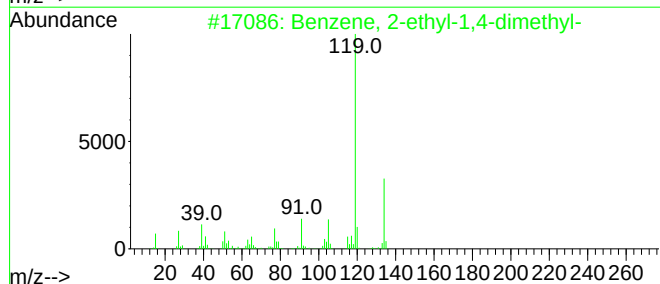
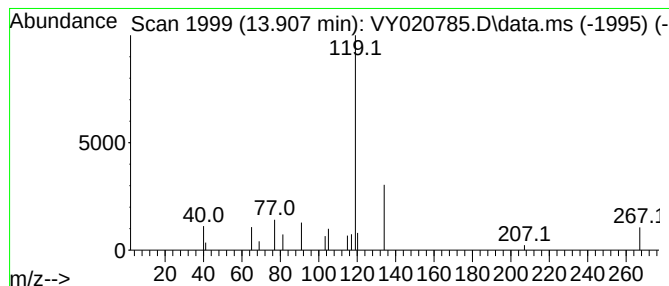
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.907	16.22 ug/l	4412	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

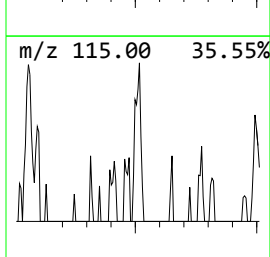
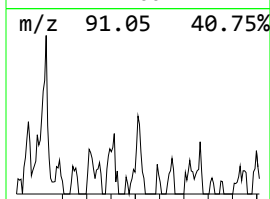
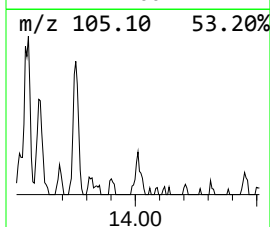
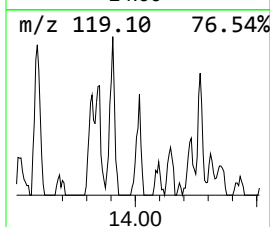
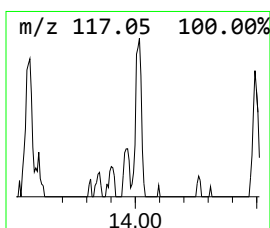
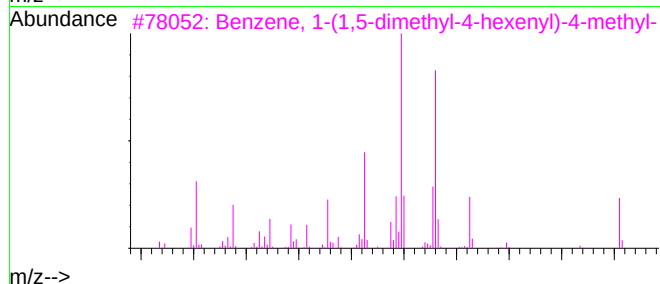
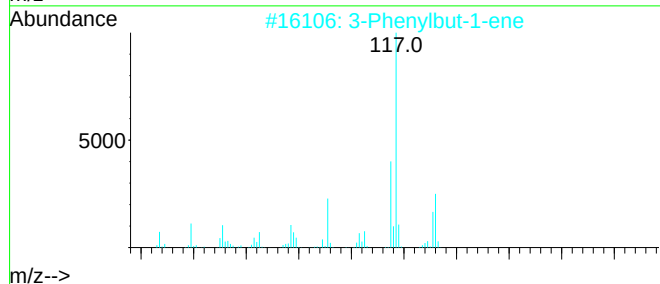
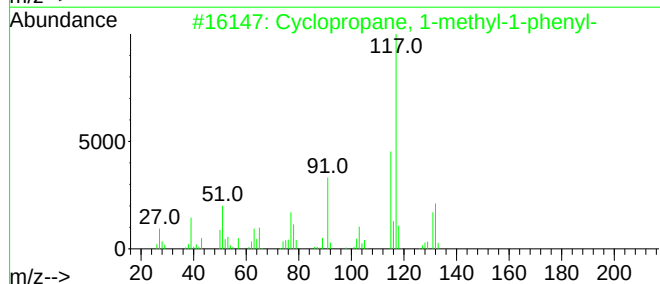
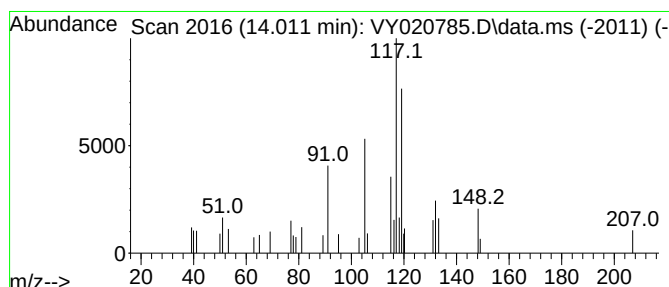
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.011 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	29.98 ug/l	8156	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	46
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	45
3	Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	43
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	41
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

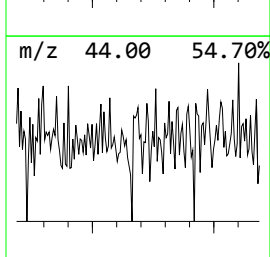
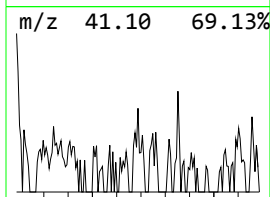
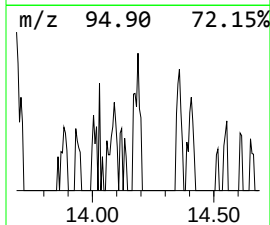
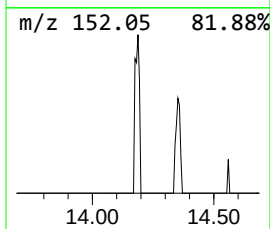
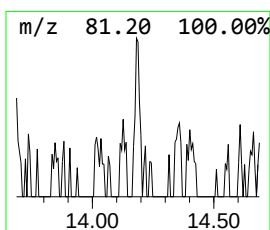
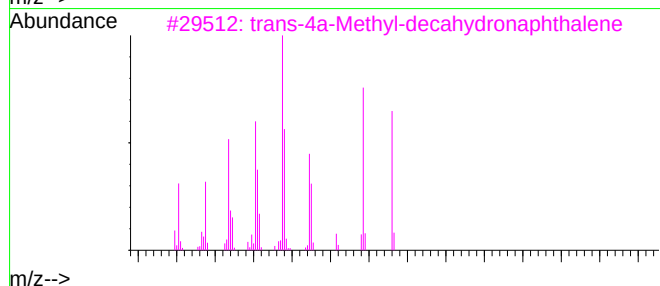
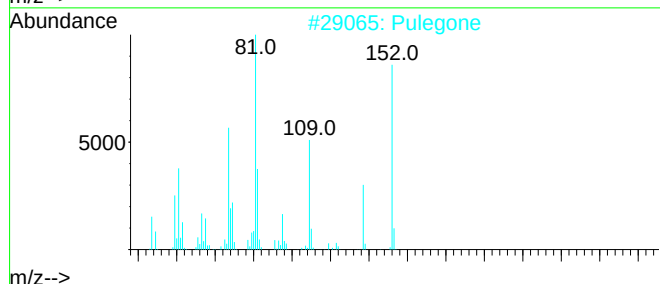
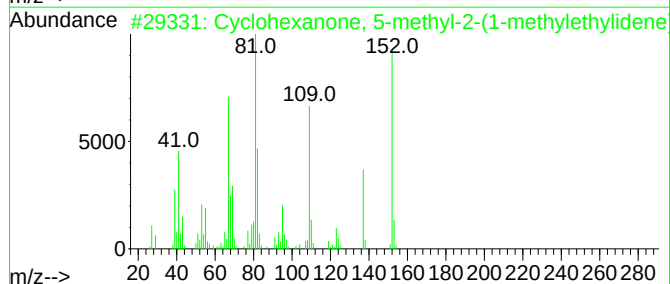
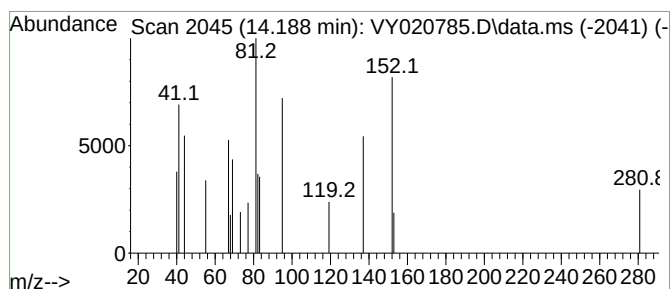
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.188 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	11.88 ug/l	3231	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
2	Pulegone	152	C10H16O	000089-82-7	49
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	43
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
5	(1S-(1Alpha,2alpha,4beta))-1-iso...	170	C10H18O2	061465-24-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

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

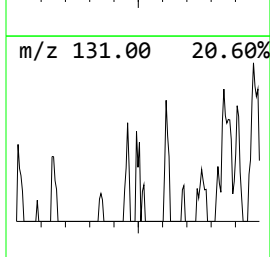
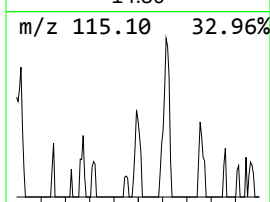
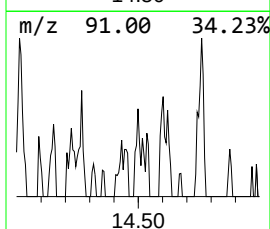
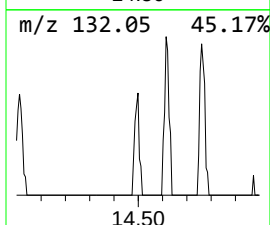
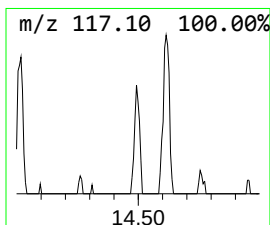
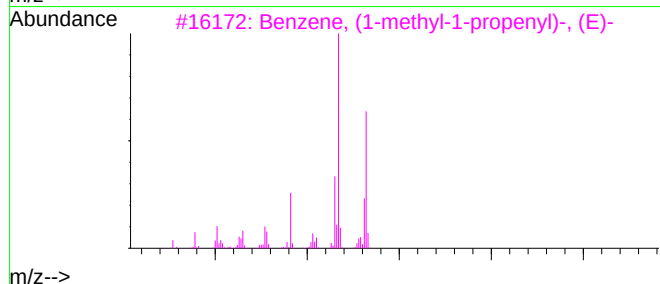
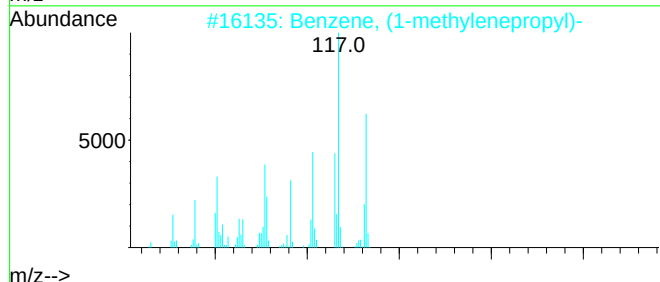
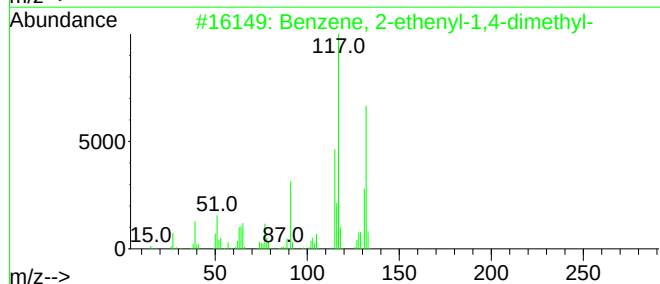
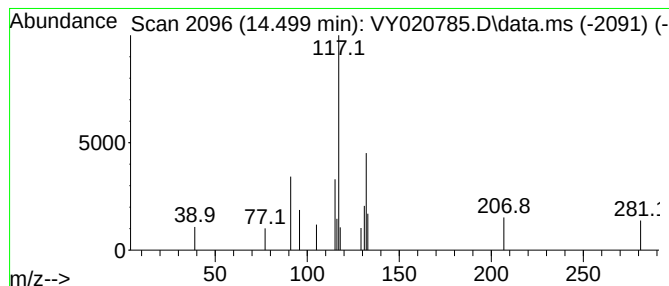
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	11.37 ug/l	3094	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
2	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	80
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

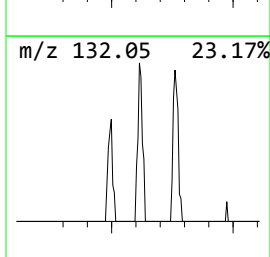
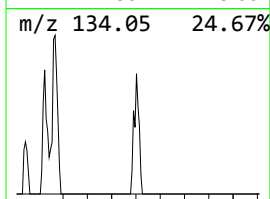
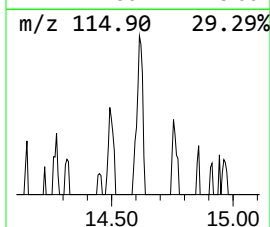
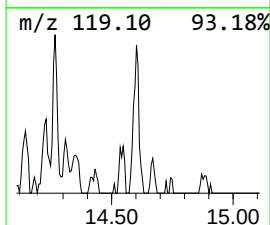
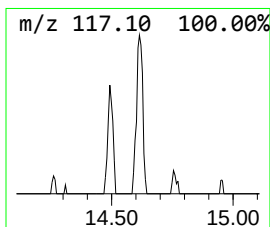
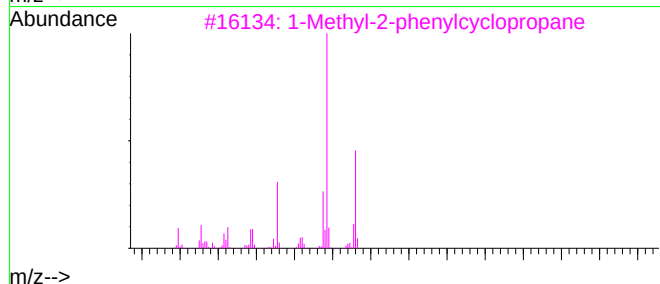
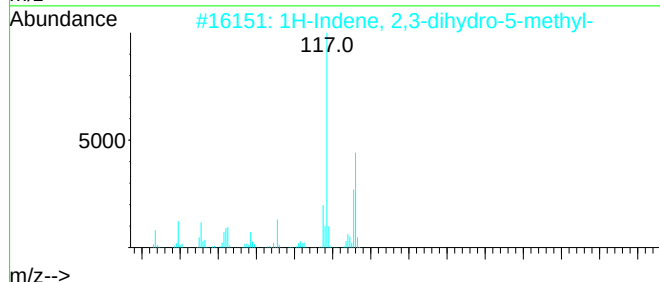
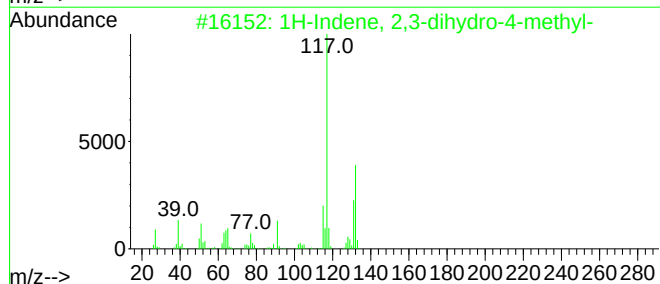
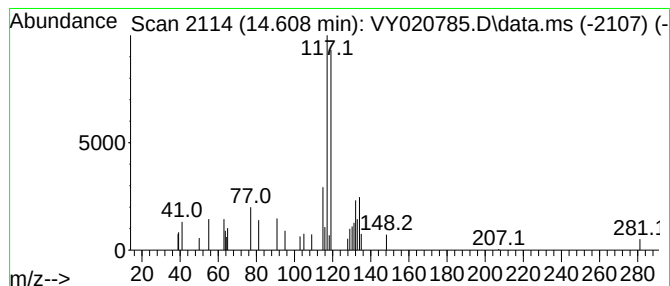
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.608 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.608	36.84 ug/l	10021	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	43
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	43
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	38
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

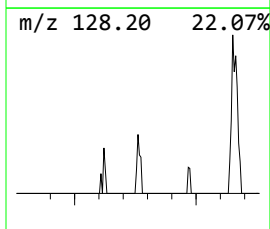
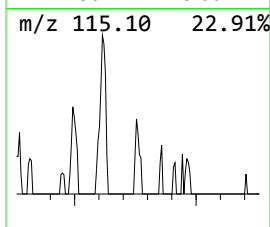
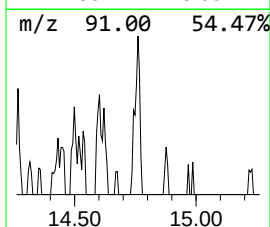
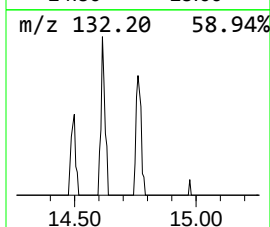
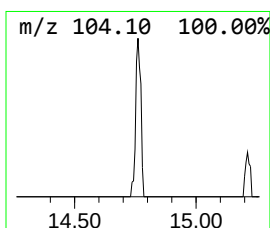
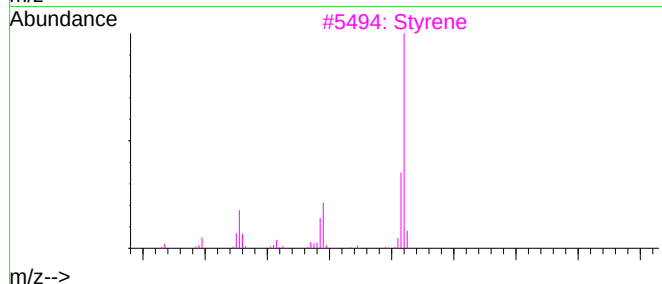
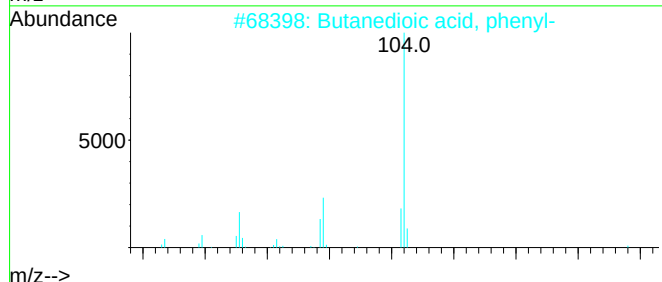
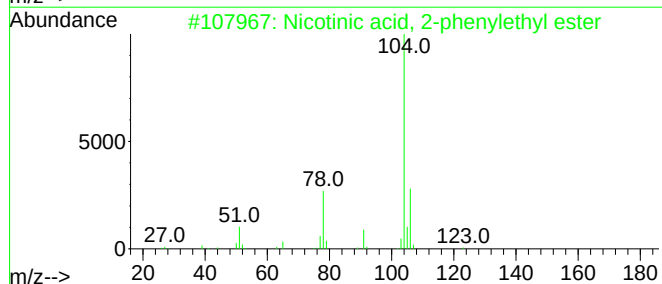
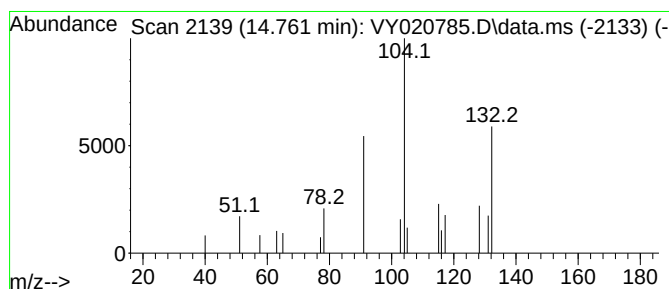
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown14.761 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	16.56 ug/l	4504	1,4-Dichlorobenzene-d4	13.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nicotinic acid, 2-phenylethyl ester	227	C14H13NO2	1000308-36-9	23
2	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	23
3	Styrene	104	C8H8	000100-42-5	17
4	2,4,6,9-Dehydroadamantane	132	C10H12	1000138-40-4	16
5	3-Phenylthiolane,S,S-dioxide	196	C10H12O2S	016766-64-6	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020785.D
Acq On : 06 Jan 2025 15:58
Operator : SY/MD
Sample : Q1010-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-010325

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
Benzene, 1-ethy...	12.670	35.5	ug/l	9646	4	13.365	13601	50.0
Benzene, 1-ethy...	12.908	23.5	ug/l	6396	4	13.365	13601	50.0
unknown13.560	13.560	34.3	ug/l	9316	4	13.365	13601	50.0
Benzene, 2-ethy...	13.907	16.2	ug/l	4412	4	13.365	13601	50.0
unknown14.011	14.011	30.0	ug/l	8156	4	13.365	13601	50.0
unknown14.188	14.188	11.9	ug/l	3231	4	13.365	13601	50.0
Benzene, 2-ethe...	14.499	11.4	ug/l	3094	4	13.365	13601	50.0
unknown14.608	14.608	36.8	ug/l	10021	4	13.365	13601	50.0
unknown14.761	14.761	16.6	ug/l	4504	4	13.365	13601	50.0