

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023466.D
 Acq On : 14 Oct 2025 16:50
 Operator : SY/MD
 Sample : Q3345-05
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-R-SOIL

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\82Y100725S.M
 Title : SW846 8260

Signal : TIC: VY023466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.640	959	971	977	rBV	426377	1021590	1.25%	0.515%
2	7.713	977	983	1003	rVB	528385	1227647	1.50%	0.619%
3	8.616	1120	1131	1145	rBV	973593	1908072	2.34%	0.962%
4	10.109	1368	1376	1385	rBV	1721498	3031783	3.71%	1.529%
5	11.414	1584	1590	1597	rBV	1640890	2728113	3.34%	1.376%
6	11.518	1601	1607	1617	rBV	1750840	2914239	3.57%	1.470%
7	11.627	1617	1625	1629	rBV	746985	1602966	1.96%	0.808%
8	11.957	1667	1679	1686	rBV2	1501223	3476723	4.26%	1.753%
9	12.255	1718	1728	1733	rBV	1515788	2481623	3.04%	1.251%
10	12.408	1747	1753	1758	rBV	1389051	2192405	2.69%	1.106%
11	12.597	1775	1784	1788	rVB	866435	1960328	2.40%	0.989%
12	12.658	1788	1794	1797	rBV2	887578	1535441	1.88%	0.774%
13	12.688	1797	1799	1803	rVV	805410	1241831	1.52%	0.626%
14	12.737	1803	1807	1812	rVB	1140930	1806941	2.21%	0.911%
15	12.895	1825	1833	1840	rBV	2439915	4056245	4.97%	2.045%
16	13.042	1852	1857	1862	rBV	2872011	4104846	5.03%	2.070%
17	13.237	1882	1889	1893	rBV4	512759	936423	1.15%	0.472%
18	13.347	1902	1907	1909	rBV	1163433	1714512	2.10%	0.865%
19	13.377	1909	1912	1916	rVB	2066166	2770772	3.39%	1.397%
20	13.548	1930	1940	1946	rBV	52724501	81647287	100.00%	41.172%
21	13.590	1946	1947	1954	rVB2	902920	944211	1.16%	0.476%
22	13.670	1954	1960	1965	rBV4	862248	1509985	1.85%	0.761%
23	13.731	1965	1970	1975	rBV3	387653	837231	1.03%	0.422%
24	13.804	1978	1982	1985	rBV	590898	858763	1.05%	0.433%
25	13.889	1991	1996	2001	rVB	2017920	2936954	3.60%	1.481%
26	13.999	2009	2014	2018	rBV	2966195	4519621	5.54%	2.279%
27	14.048	2018	2022	2030	rVB5	551488	1287147	1.58%	0.649%
28	14.212	2039	2049	2053	rBV4	1563633	3835285	4.70%	1.934%
29	14.480	2088	2093	2099	rBV	4533482	6777087	8.30%	3.417%
30	14.590	2105	2111	2117	rBV3	2375018	4611474	5.65%	2.325%
31	14.663	2117	2123	2128	rVV3	1765300	3333533	4.08%	1.681%
32	14.749	2131	2137	2141	rVV	3225979	5241462	6.42%	2.643%
33	14.791	2141	2144	2148	rVV	584580	865438	1.06%	0.436%
34	14.858	2150	2155	2159	rVB3	1226957	2055790	2.52%	1.037%
35	15.145	2196	2202	2212	rVB	10134301	16983384	20.80%	8.564%
36	15.243	2213	2218	2225	rBV4	714651	1552310	1.90%	0.783%

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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\82Y100725S.M
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37	16.175	2366	2371	2378	rVB	1236726	2340785	2.87%	1.180%
38	16.370	2396	2403	2415	rVB	6381830	13455714	16.48%	6.785%

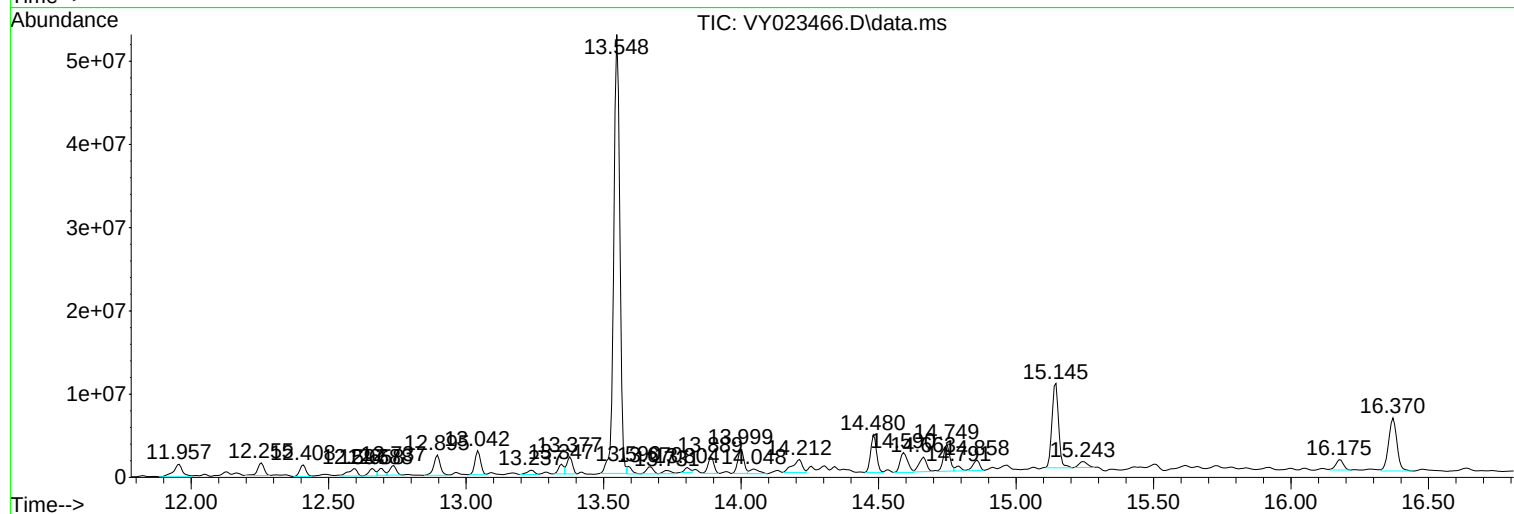
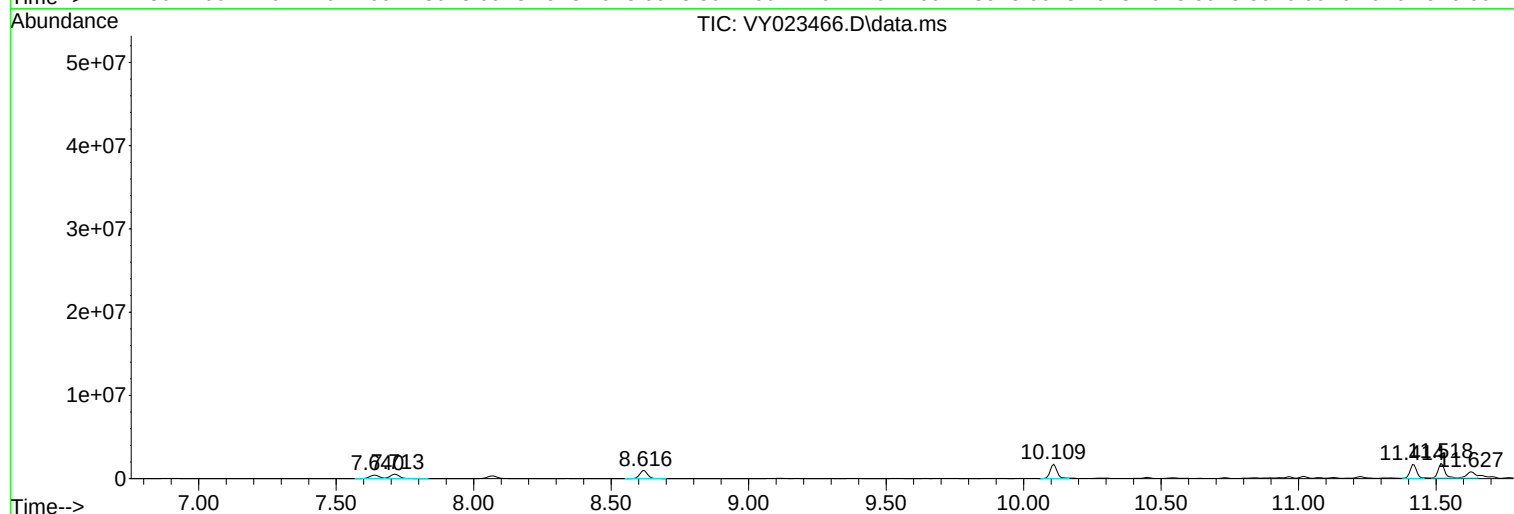
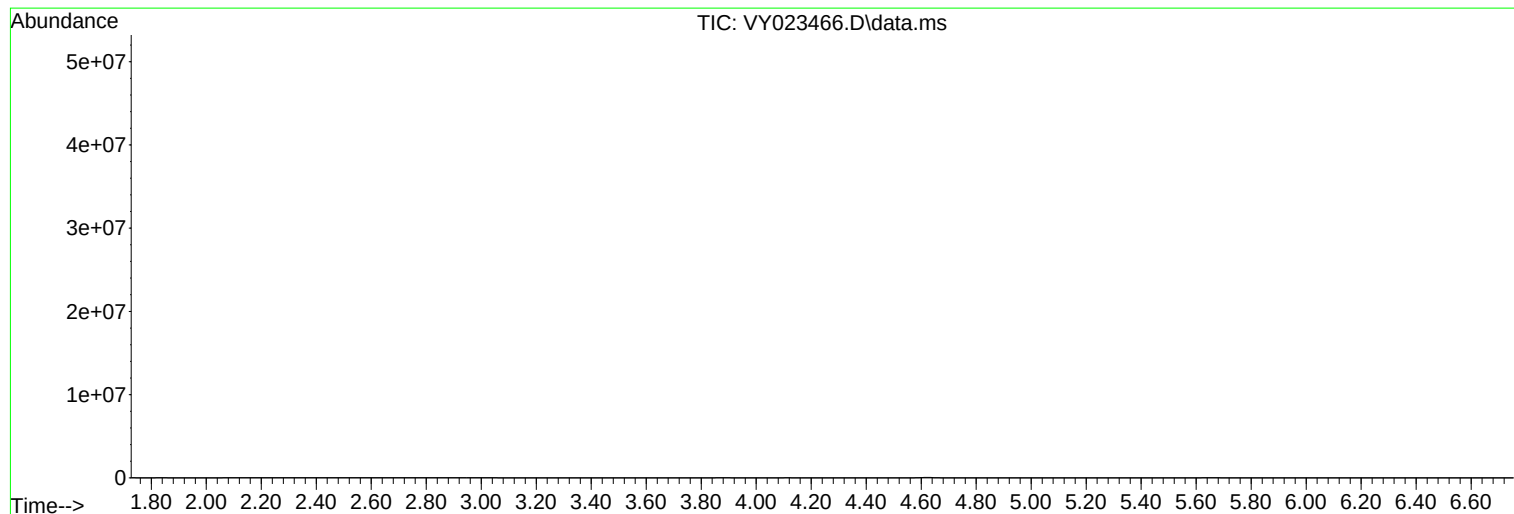
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M-R-SOIL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



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MSVOA_Y
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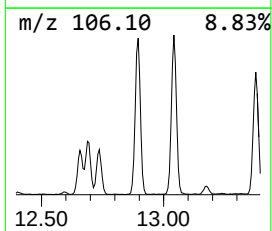
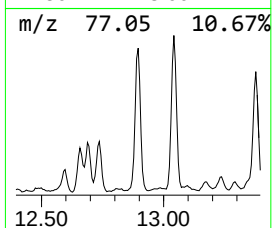
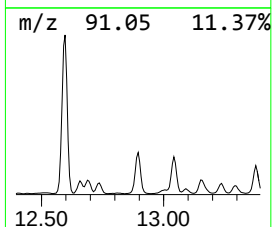
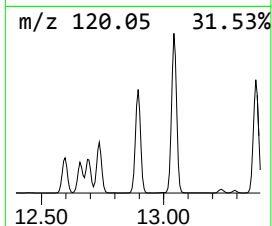
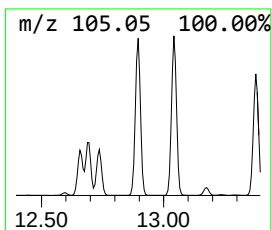
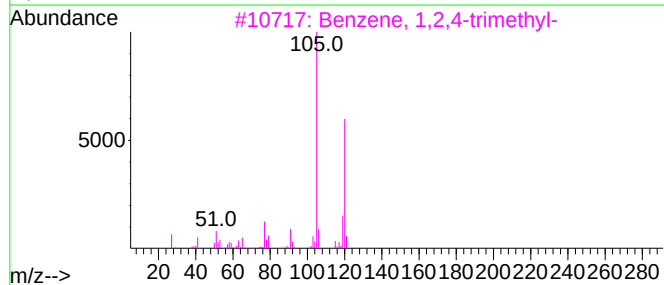
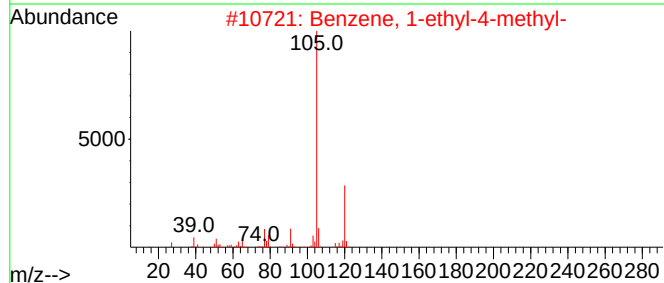
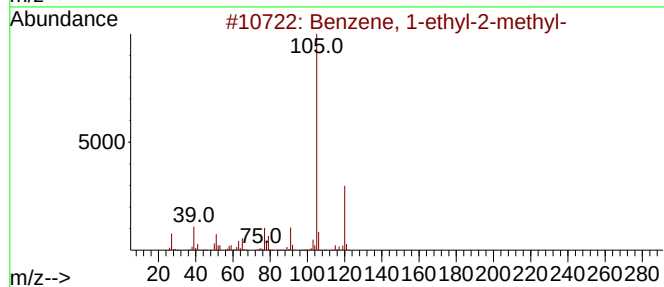
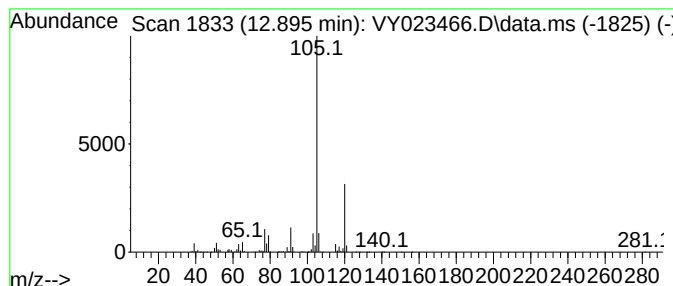
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	118.29 ug/l	4056250	1,4-Dichlorobenzene-d4	13.347

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



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

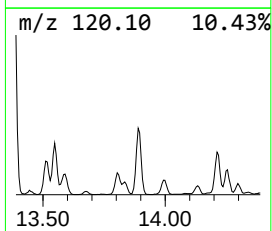
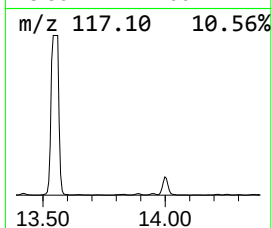
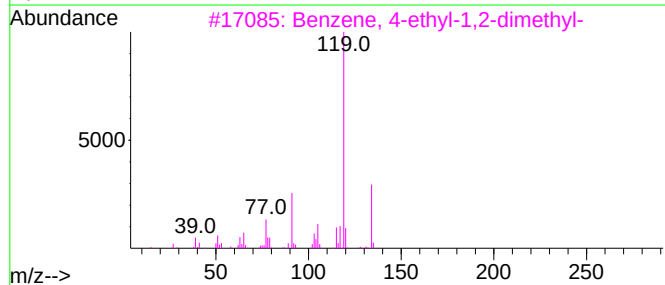
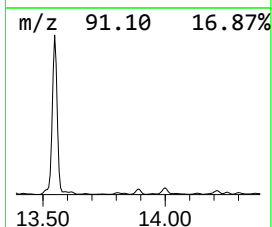
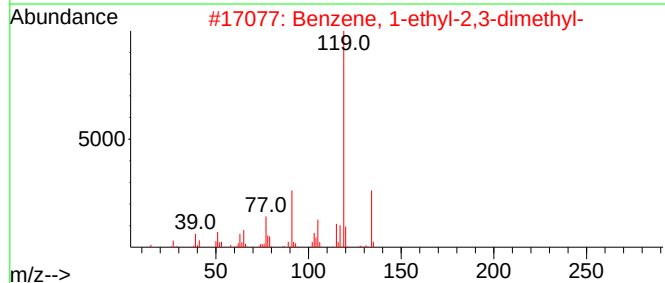
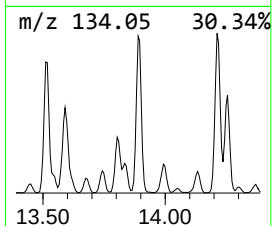
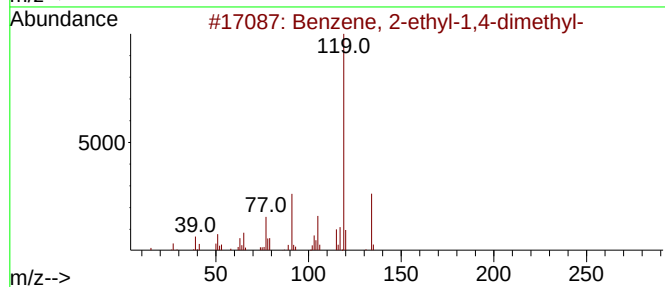
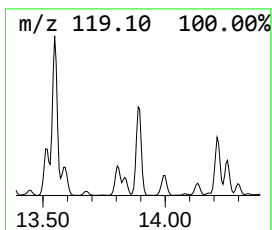
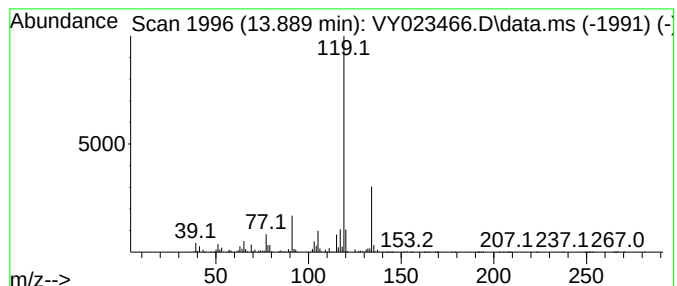
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	85.65 ug/l	2936950	1,4-Dichlorobenzene-d4	13.347

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	95
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			o-Cymene	134	C10H14	000527-84-4	94



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Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

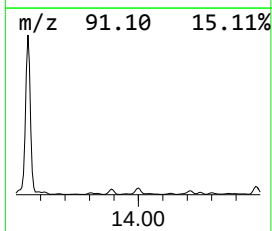
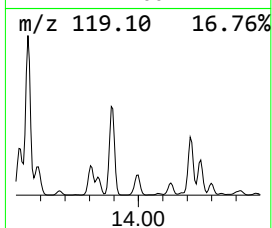
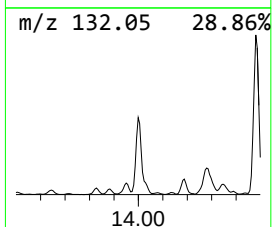
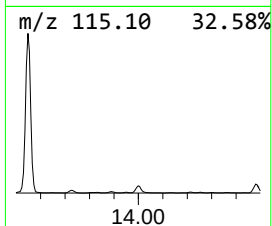
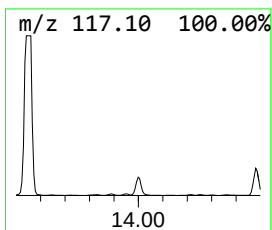
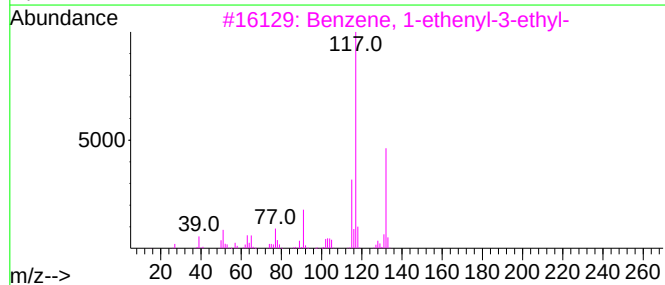
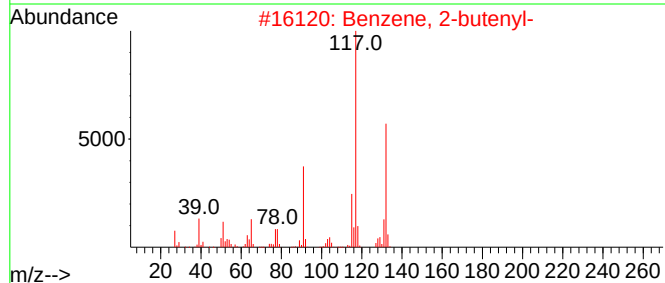
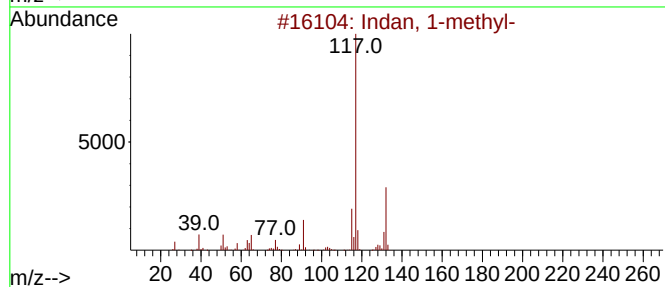
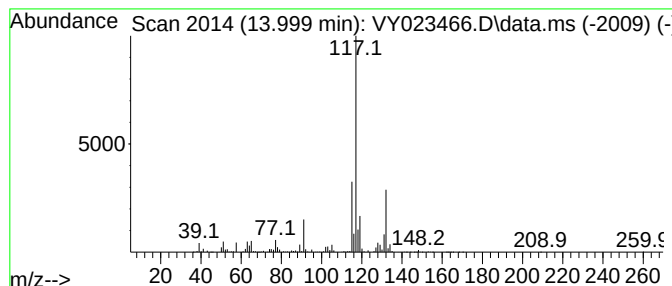
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 3 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	131.81 ug/l	4519620	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	78
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	72



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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

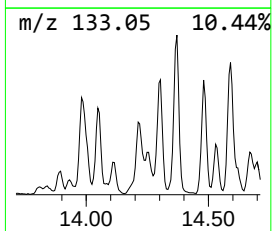
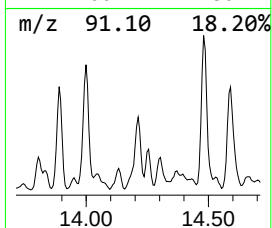
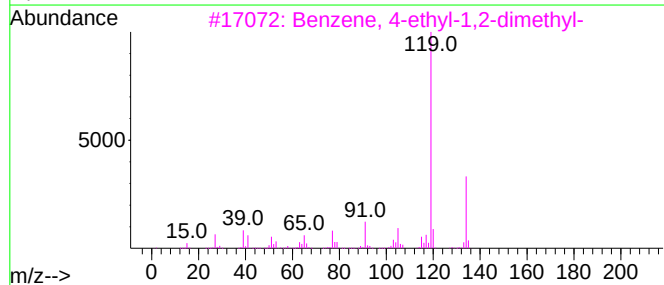
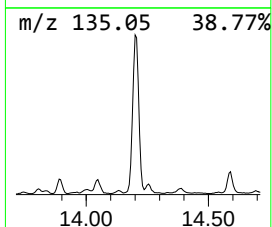
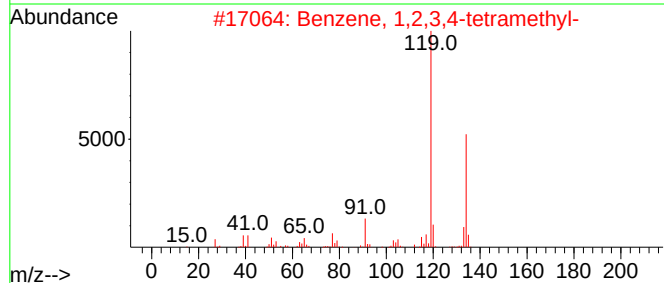
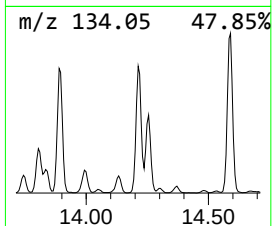
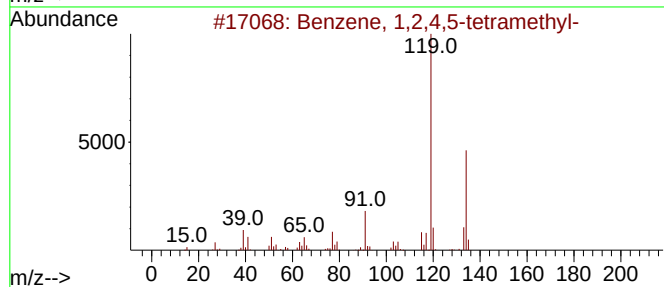
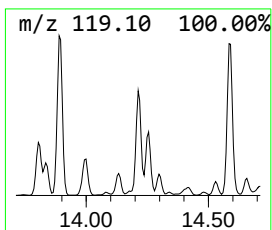
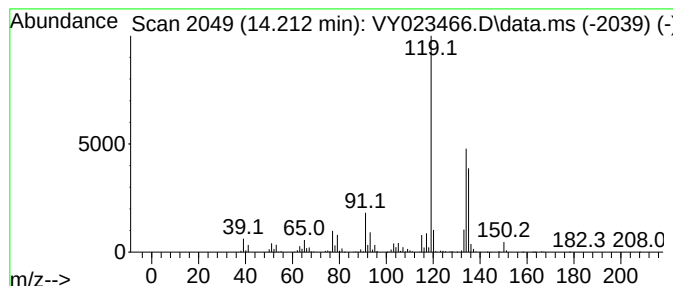
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Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.212	111.85 ug/l	3835290	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5			o-Cymene	134	C10H14	000527-84-4	70



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Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

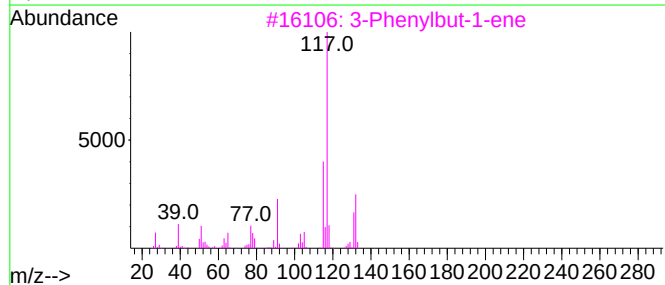
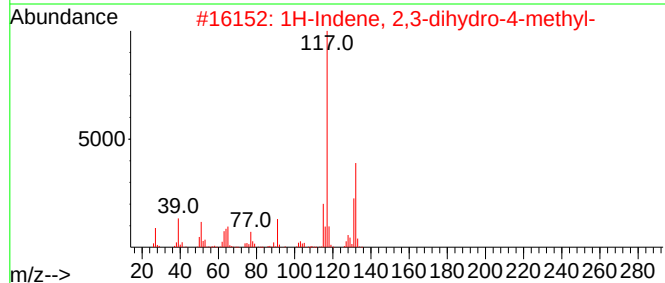
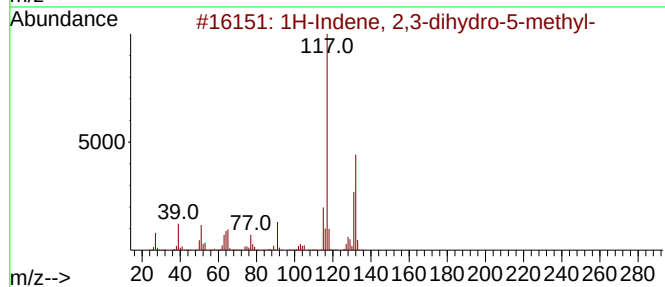
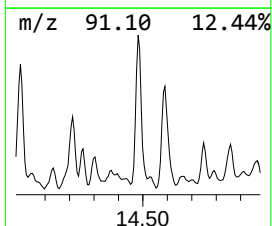
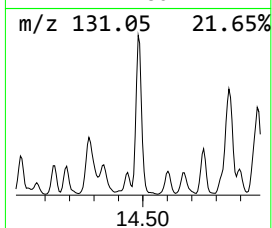
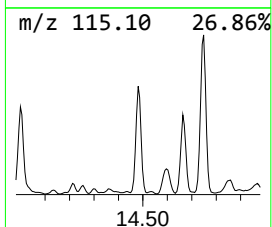
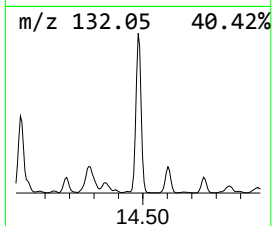
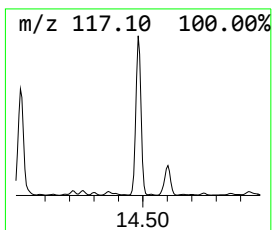
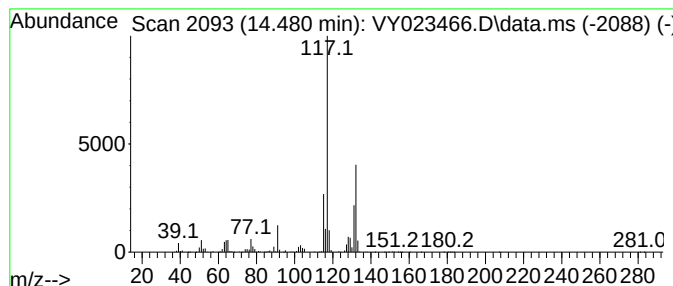
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Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	197.64 ug/l	6777090	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93		
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91		
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91		
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87		
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023466.D
Acq On : 14 Oct 2025 16:50
Operator : SY/MD
Sample : Q3345-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

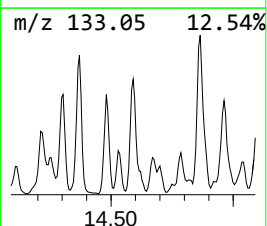
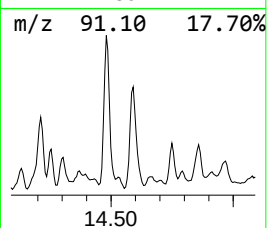
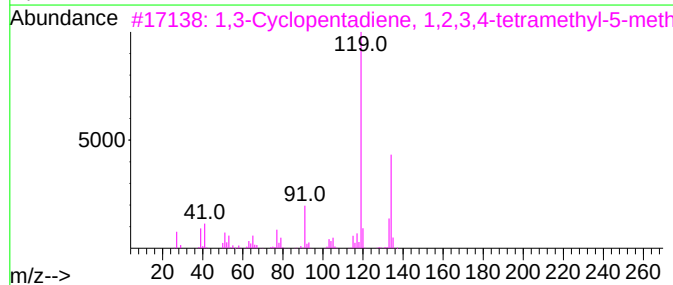
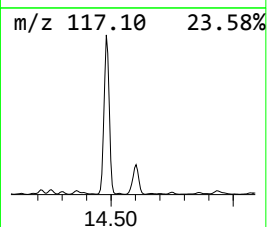
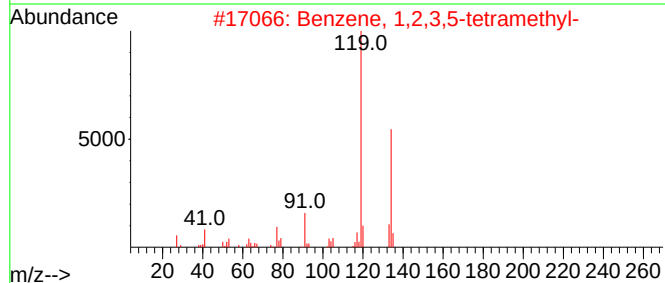
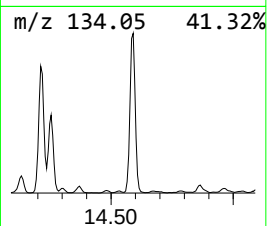
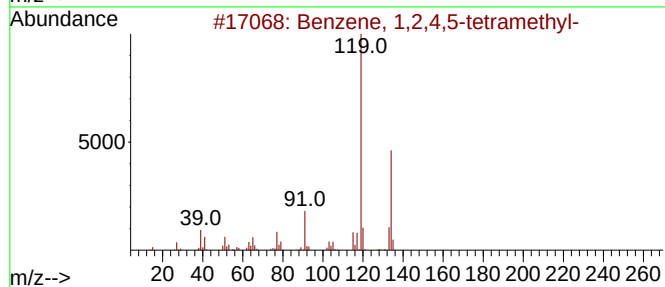
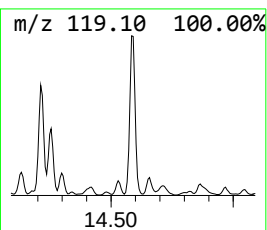
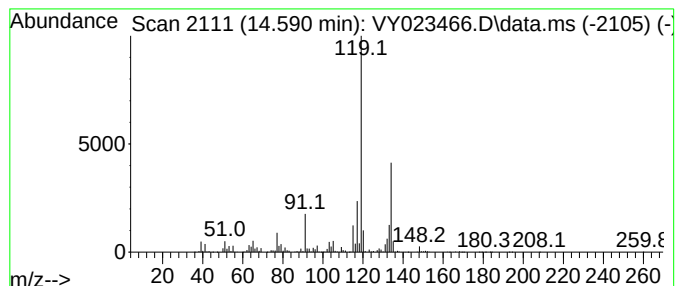
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	134.48 ug/l	4611470	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023466.D
Acq On : 14 Oct 2025 16:50
Operator : SY/MD
Sample : Q3345-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

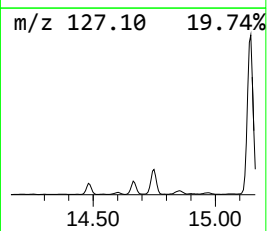
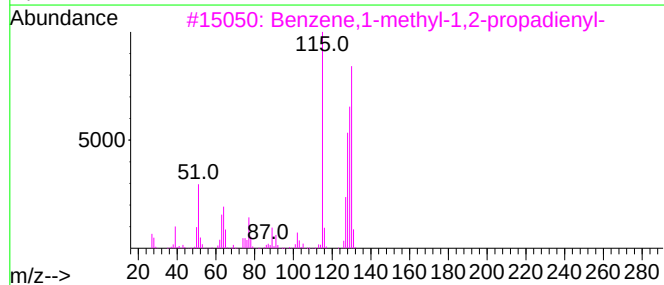
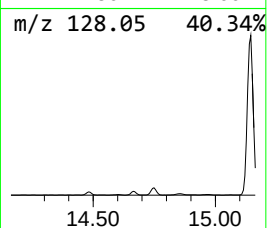
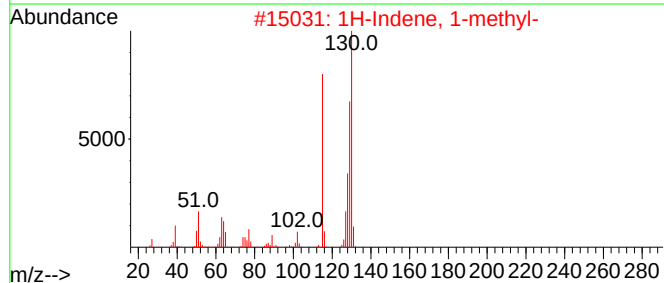
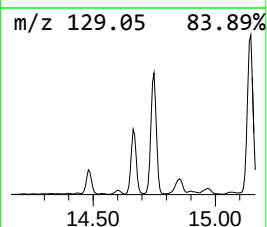
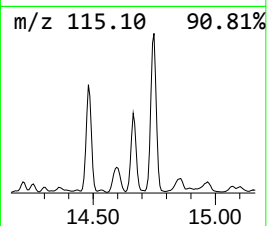
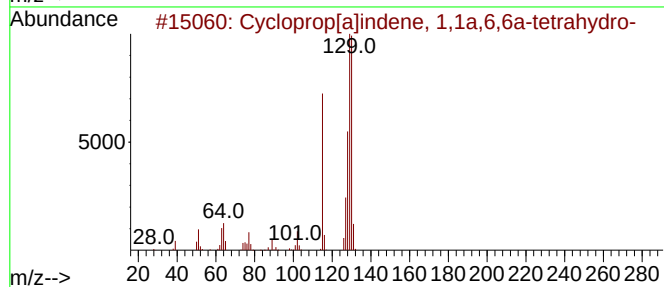
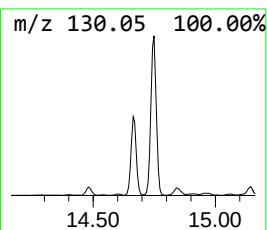
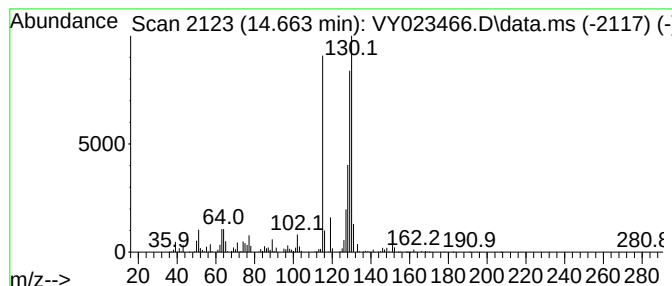
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Quant Title : SW846 8260

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

Peak Number 7 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.663	97.22 ug/l	3333530	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	93
5			2-Methylindene	130	C10H10	002177-47-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023466.D
Acq On : 14 Oct 2025 16:50
Operator : SY/MD
Sample : Q3345-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

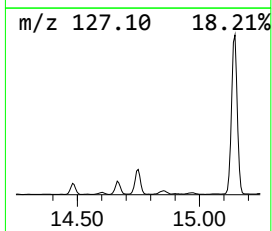
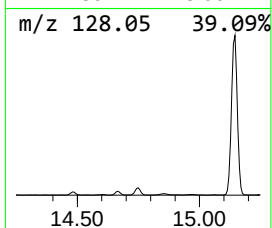
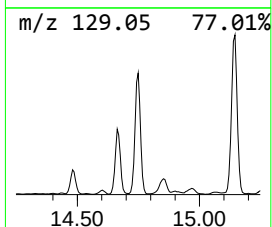
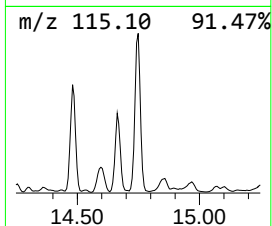
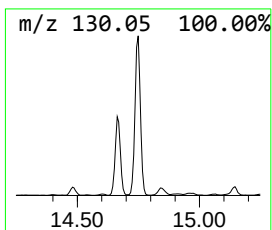
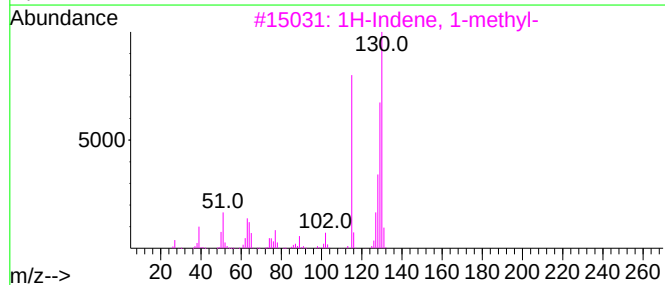
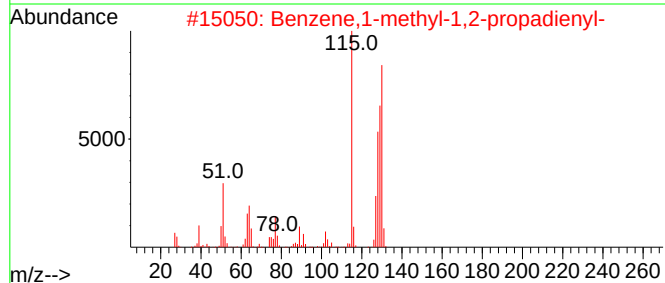
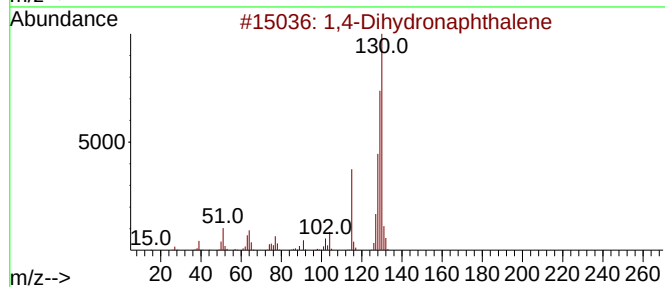
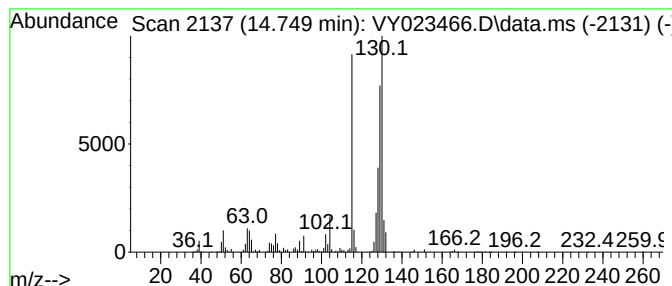
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

Peak Number 8 1,4-Dihydronaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.749	152.86 ug/l	5241460	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4			2-Methylindene	130	C10H10	002177-47-1	93
5			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
Data File : VY023466.D
Acq On : 14 Oct 2025 16:50
Operator : SY/MD
Sample : Q3345-05
Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
M-R-SOIL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.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
Benzene, 1-ethy...	12.895	118.3	ug/l	4056250	4	13.347	1714510	50.0
Benzene, 2-ethy...	13.889	85.7	ug/l	2936950	4	13.347	1714510	50.0
Indan, 1-methyl-	13.999	131.8	ug/l	4519620	4	13.347	1714510	50.0
Benzene, 1,2,4,...	14.212	111.8	ug/l	3835290	4	13.347	1714510	50.0
1H-Indene, 2,3-...	14.480	197.6	ug/l	6777090	4	13.347	1714510	50.0
Benzene, 1,2,3,...	14.590	134.5	ug/l	4611470	4	13.347	1714510	50.0
Cycloprop[a]ind...	14.663	97.2	ug/l	3333530	4	13.347	1714510	50.0
1,4-Dihydronaph...	14.749	152.9	ug/l	5241460	4	13.347	1714510	50.0