

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021095.D
 Acq On : 05 Feb 2025 17:45
 Operator : SY/MD
 Sample : Q1281-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02--2-03-2025

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\82Y020325S.M
 Title : SW846 8260

Signal : TIC: VY021095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.616	1123	1131	1142	rBV	414503	808903	1.38%	0.391%
2	10.109	1368	1376	1383	rBV	665383	1121116	1.91%	0.542%
3	11.420	1583	1591	1601	rBV	639393	1025598	1.75%	0.496%
4	11.524	1601	1608	1616	rBV	439388	696667	1.19%	0.337%
5	11.627	1616	1625	1635	rBV	1371722	2541702	4.34%	1.228%
6	11.957	1667	1679	1687	rBV	1518058	2354949	4.02%	1.138%
7	12.408	1748	1753	1759	rVB2	505530	781346	1.33%	0.378%
8	12.664	1788	1795	1798	rBV	4317730	6893076	11.76%	3.331%
9	12.694	1798	1800	1804	rVV	2815633	3550175	6.06%	1.716%
10	12.737	1804	1807	1813	rVB	1488216	2141971	3.65%	1.035%
11	12.902	1826	1834	1841	rBV	883695	1494887	2.55%	0.722%
12	13.048	1851	1858	1862	rBV	3969384	5807941	9.91%	2.807%
13	13.097	1862	1866	1872	rVB	1397878	2015306	3.44%	0.974%
14	13.243	1882	1890	1894	rBV	376792	631940	1.08%	0.305%
15	13.353	1903	1908	1909	rVV	504091	703957	1.20%	0.340%
16	13.383	1909	1913	1917	rVV	1486703	2391598	4.08%	1.156%
17	13.426	1917	1920	1927	rVB	801945	1093859	1.87%	0.529%
18	13.517	1927	1935	1936	rBV	1763289	2213626	3.78%	1.070%
19	13.554	1936	1941	1945	rVV	17915568	27210850	46.41%	13.149%
20	13.590	1945	1947	1953	rVV2	1799137	2438022	4.16%	1.178%
21	13.731	1965	1970	1977	rVV	2276326	3558957	6.07%	1.720%
22	13.840	1985	1988	1992	rVV2	469192	709676	1.21%	0.343%
23	13.895	1992	1997	2001	rVV	1702870	2455966	4.19%	1.187%
24	14.005	2009	2015	2017	rVV3	563071	944986	1.61%	0.457%
25	14.035	2017	2020	2024	rVV	1021366	1456004	2.48%	0.704%
26	14.084	2024	2028	2032	rVB	472611	680085	1.16%	0.329%
27	14.261	2053	2057	2061	rVB	801508	1090836	1.86%	0.527%
28	14.304	2061	2064	2068	rVB2	504226	638485	1.09%	0.309%
29	14.365	2068	2074	2078	rBV3	359075	701512	1.20%	0.339%
30	14.487	2089	2094	2099	rBV	1695638	2464430	4.20%	1.191%
31	14.602	2106	2113	2119	rBV2	1176287	2464119	4.20%	1.191%
32	14.670	2119	2124	2132	rVV	3499766	5368553	9.16%	2.594%
33	14.755	2132	2138	2147	rVB	4453577	6985878	11.91%	3.376%
34	14.846	2147	2153	2160	rBV3	872966	1761334	3.00%	0.851%
35	15.151	2192	2203	2214	rVB2	31873513	58631420	100.00%	28.332%
36	15.468	2251	2255	2261	rVV	405759	799308	1.36%	0.386%

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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\82Y020325S.M
Title : SW846 8260

37	15.730	2291	2298	2302	rBV3	272243	632377	1.08%	0.306%
38	16.188	2365	2373	2386	rVB	14291625	27460838	46.84%	13.270%
39	16.383	2396	2405	2416	rVB	10079345	20219630	34.49%	9.771%

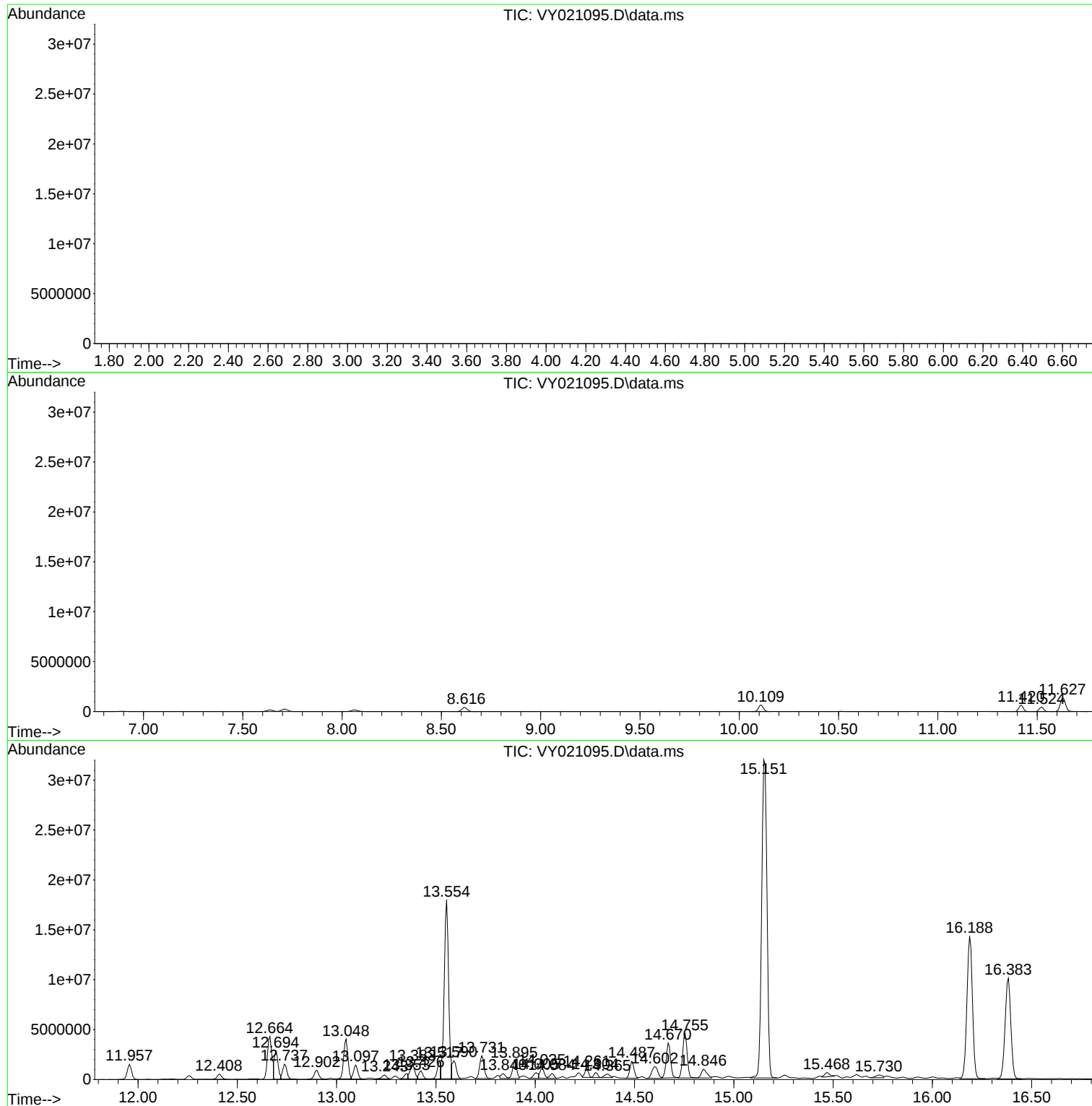
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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



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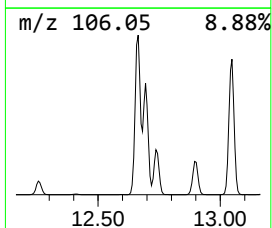
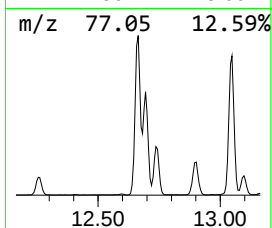
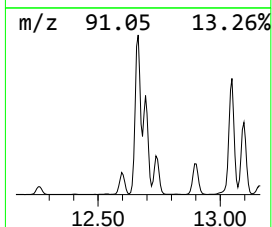
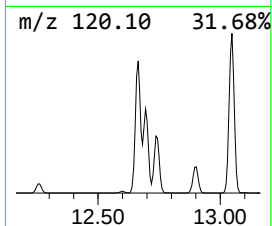
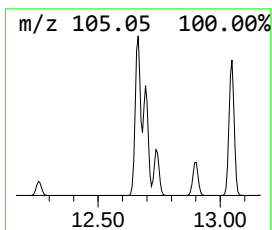
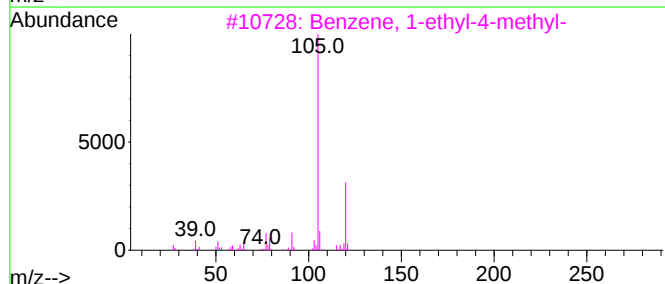
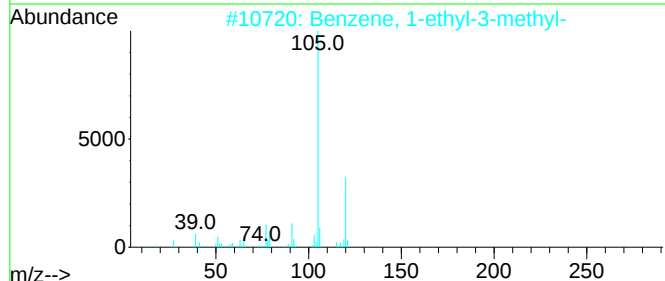
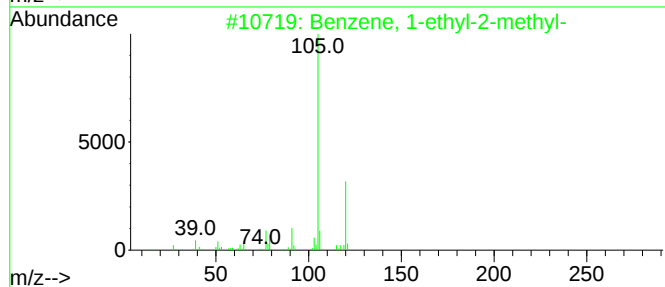
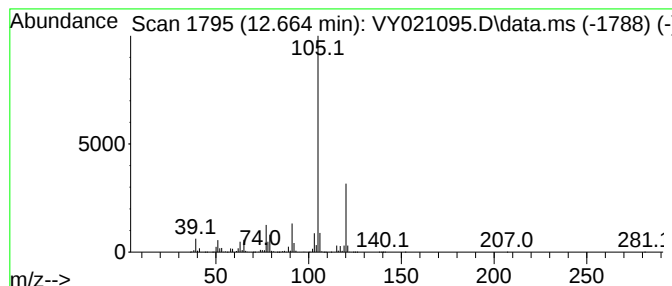
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	489.60 ug/l	6893080	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

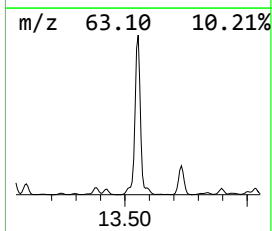
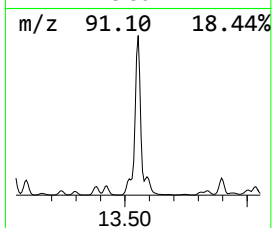
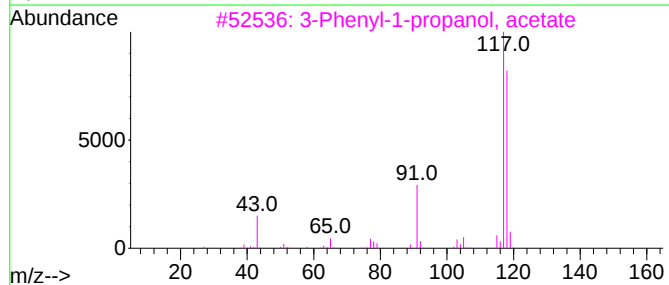
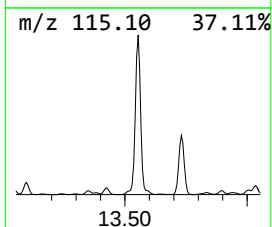
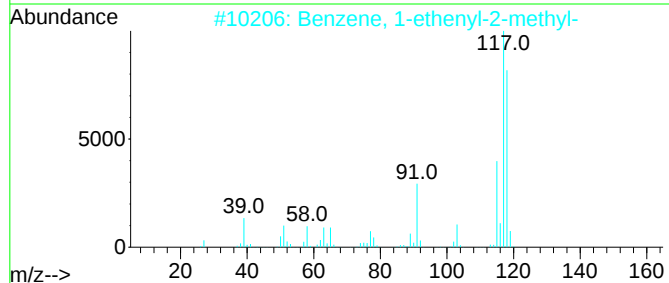
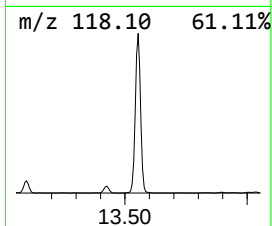
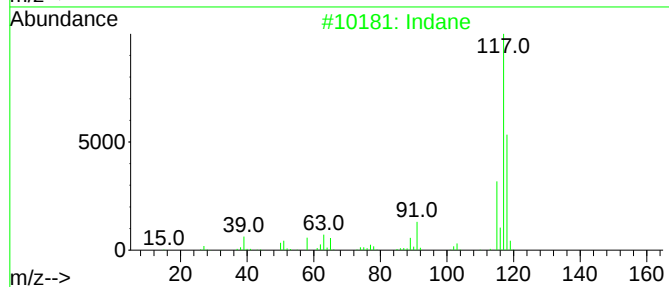
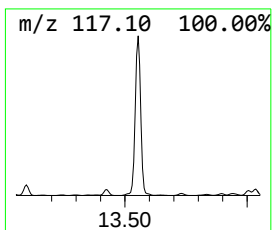
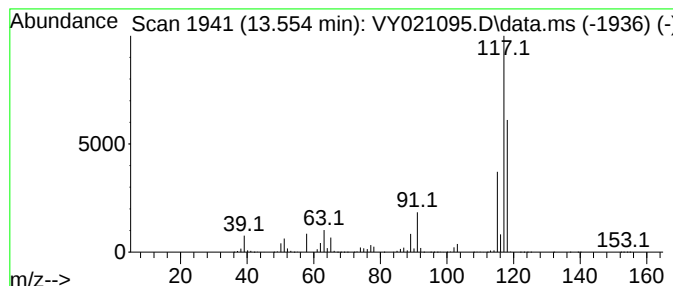
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	1932.71 ug/l	27210900	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
3			3-Phenyl-1-propanol, acetate	178	C11H14O2	000122-72-5	59
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5			Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02--2-03-2025

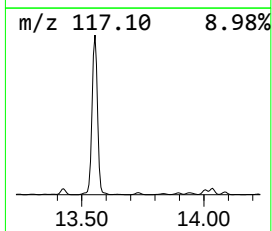
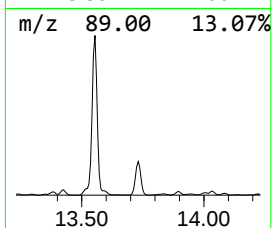
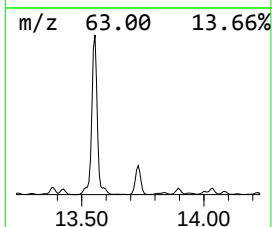
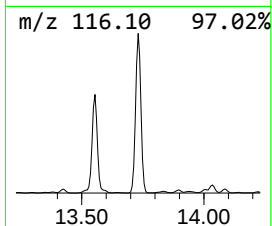
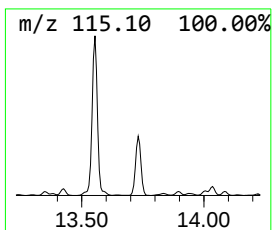
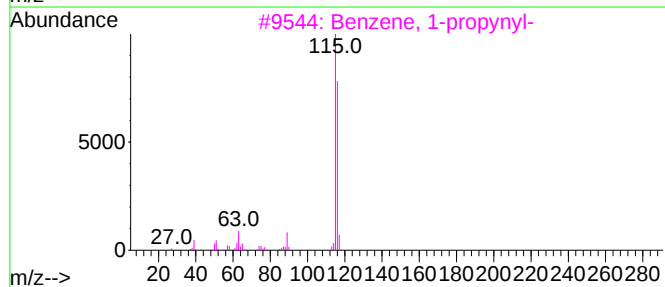
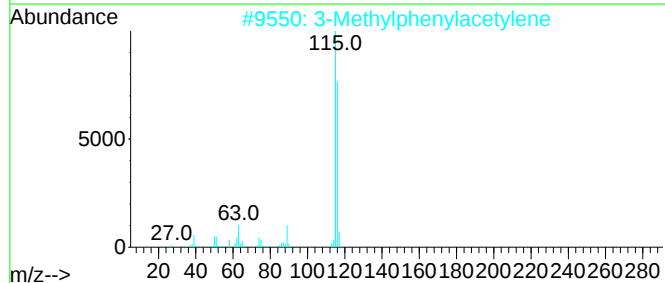
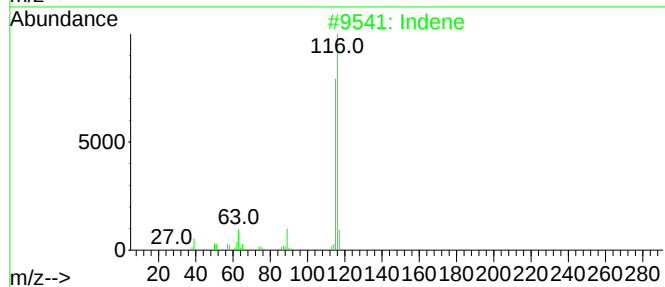
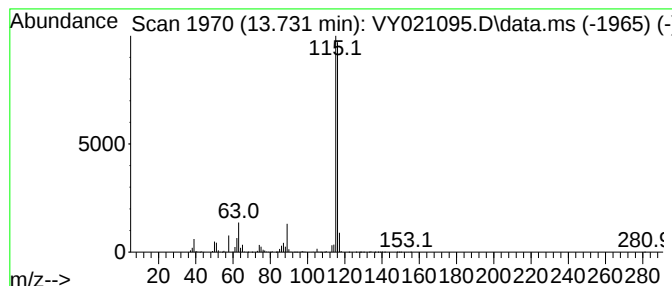
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.731	252.78 ug/l	3558960	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02--2-03-2025

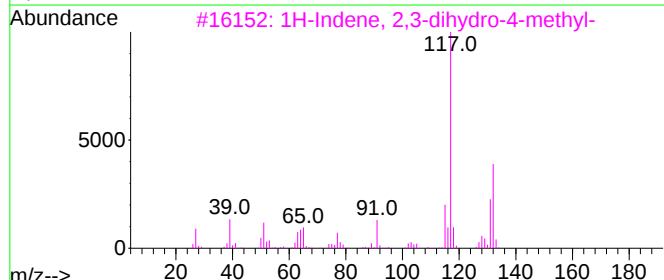
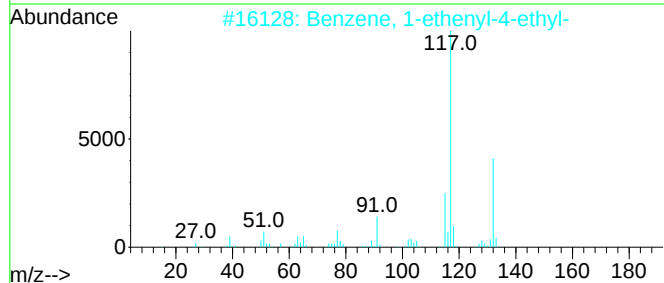
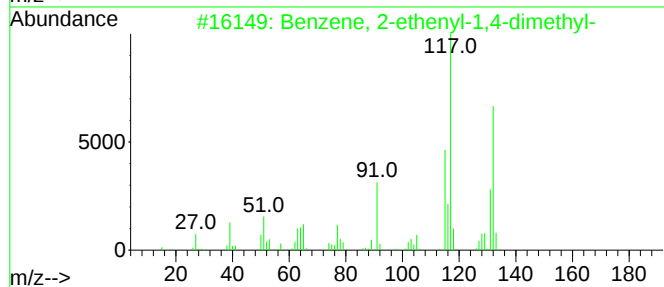
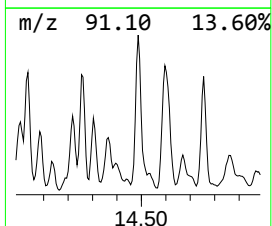
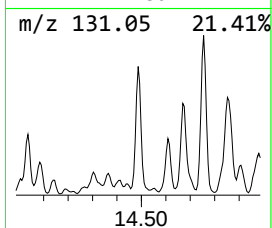
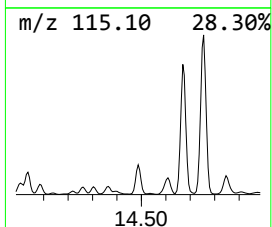
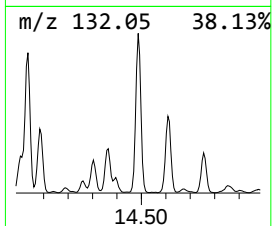
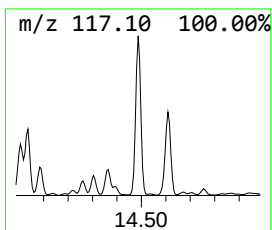
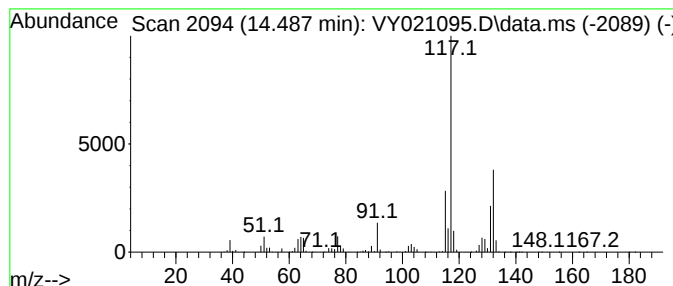
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	175.04 ug/l	2464430	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



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OR-02--2-03-2025

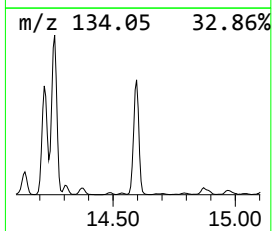
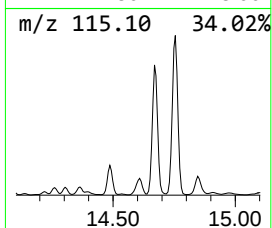
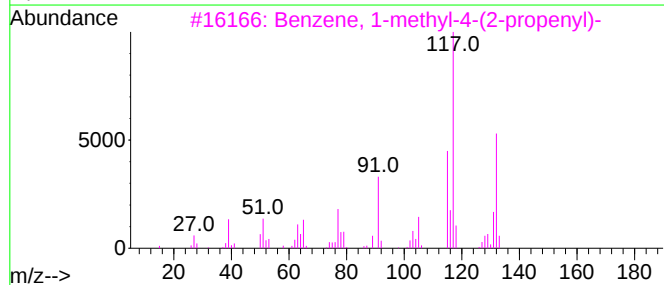
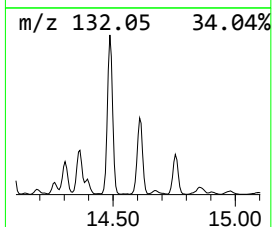
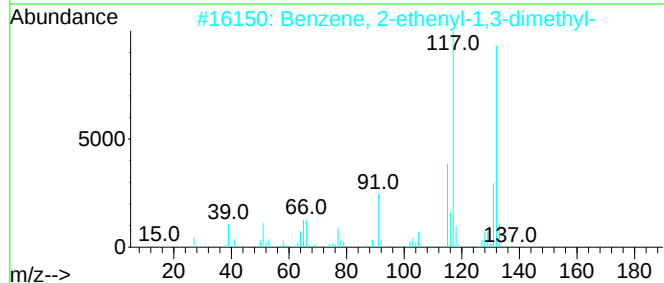
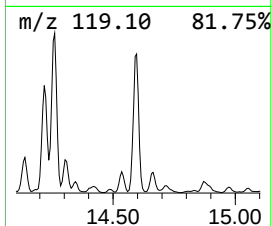
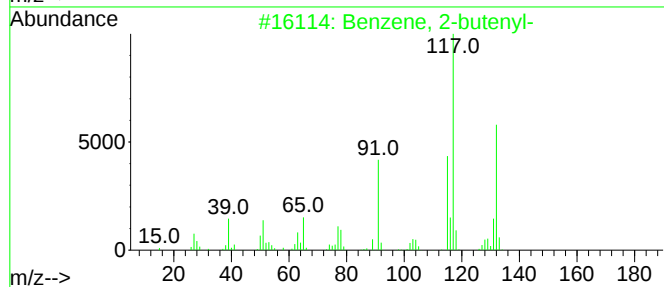
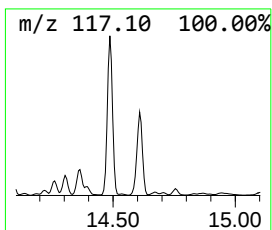
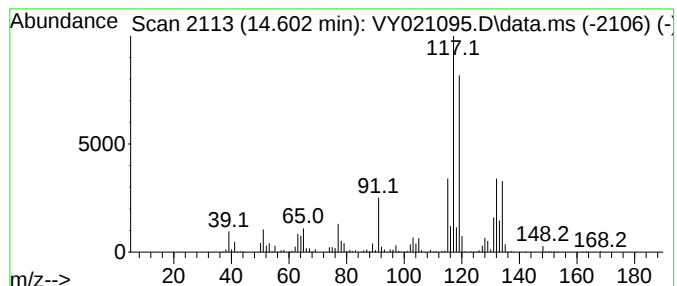
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-butenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	175.02 ug/l	2464120	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021095.D
Acq On : 05 Feb 2025 17:45
Operator : SY/MD
Sample : Q1281-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

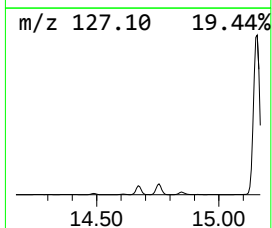
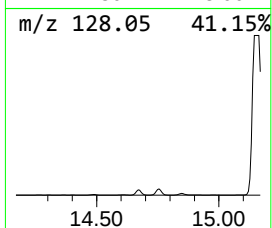
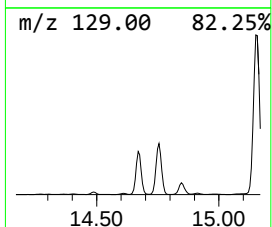
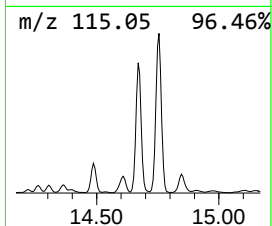
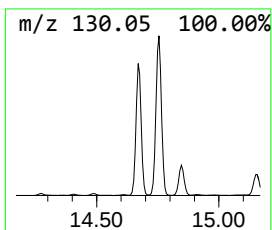
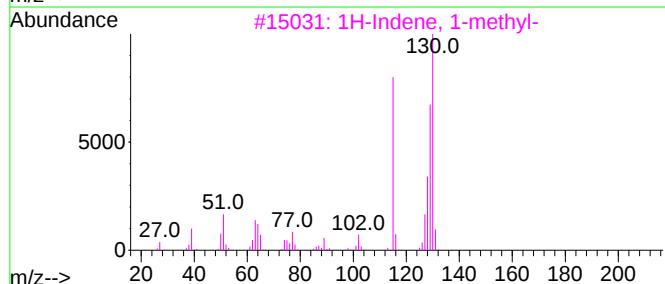
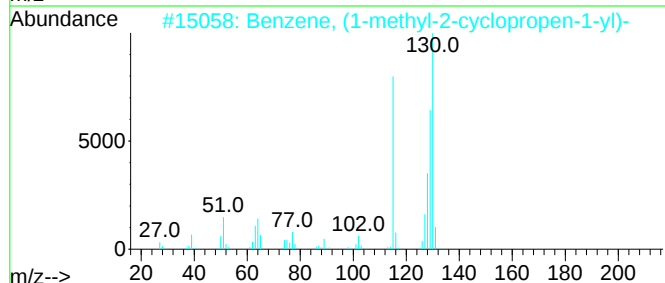
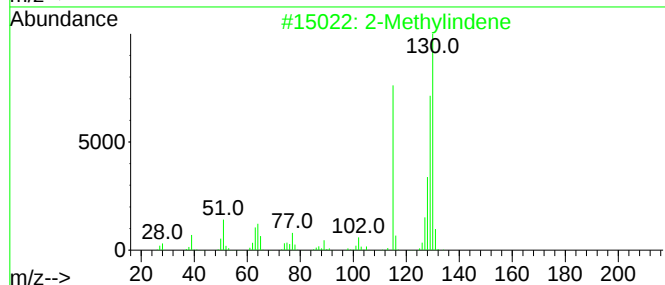
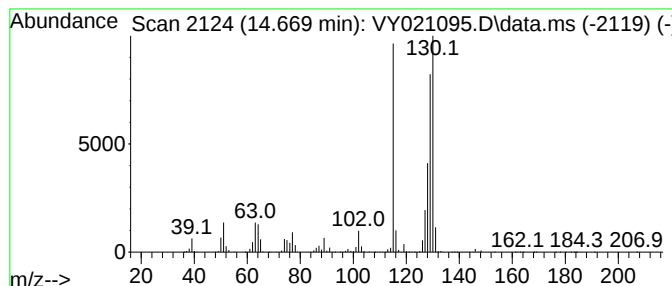
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	381.31 ug/l	5368550	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021095.D
Acq On : 05 Feb 2025 17:45
Operator : SY/MD
Sample : Q1281-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

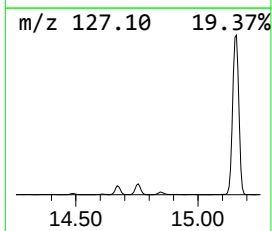
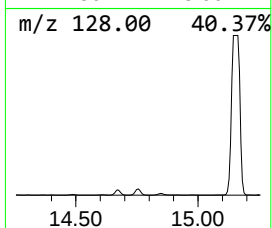
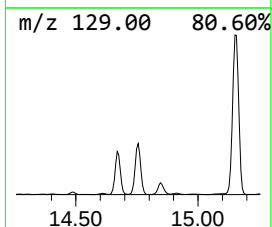
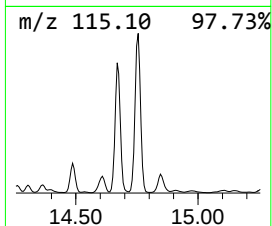
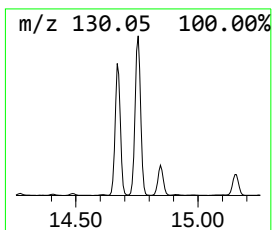
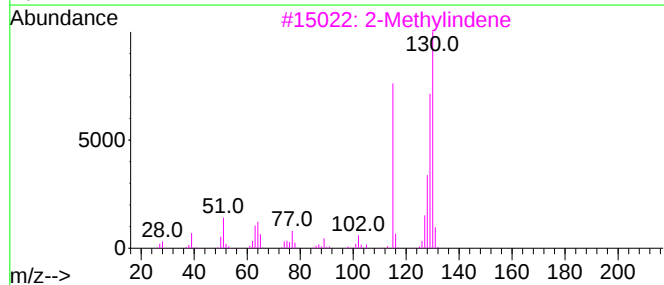
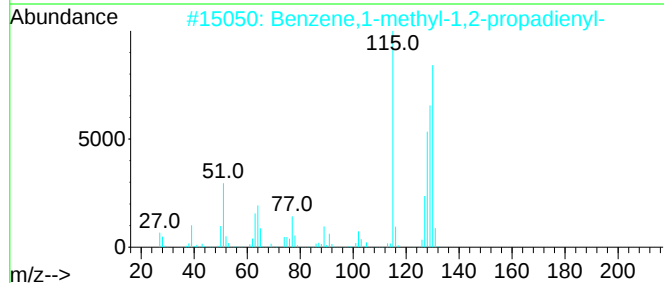
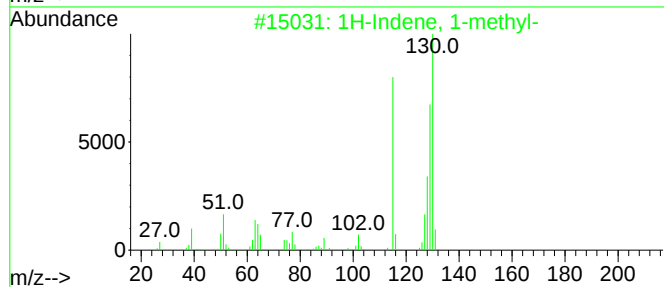
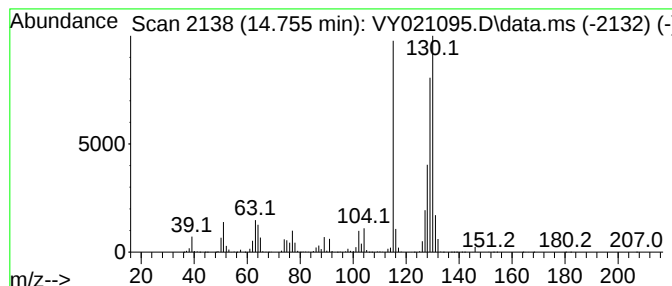
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.755	496.19 ug/l	6985880	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3			2-Methylindene	130	C10H10	002177-47-1	95
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5			Benzene, 1-butylnyl-	130	C10H10	000622-76-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021095.D
Acq On : 05 Feb 2025 17:45
Operator : SY/MD
Sample : Q1281-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

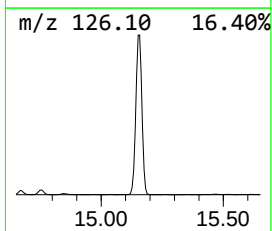
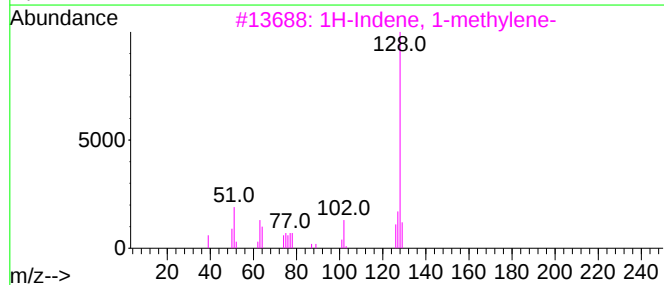
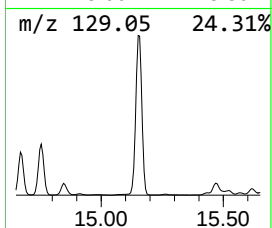
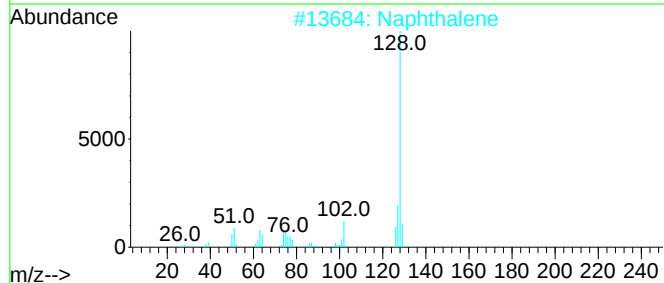
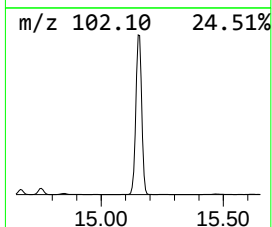
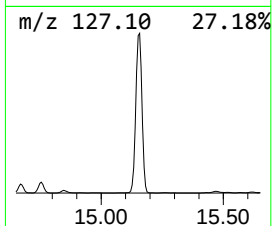
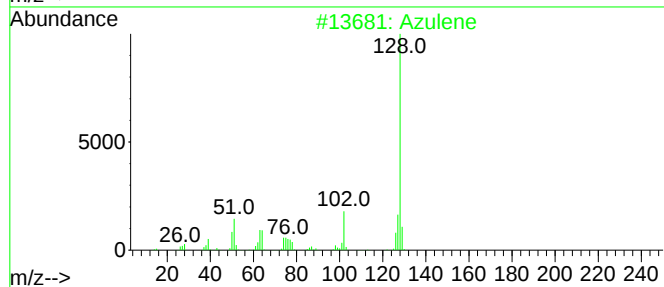
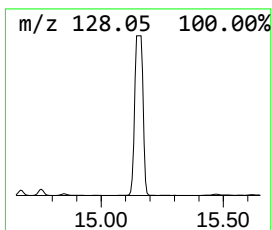
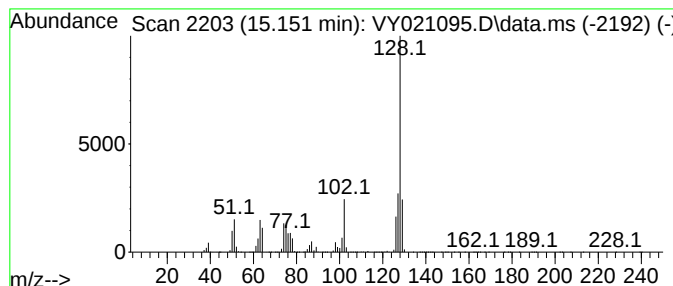
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 8 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	4164.42 ug/l	58631400	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	93
2			Naphthalene	128	C10H8	000091-20-3	91
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	81
4			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	74
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021095.D
Acq On : 05 Feb 2025 17:45
Operator : SY/MD
Sample : Q1281-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02--2-03-2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.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
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Indane	13.554	1932.7	ug/l	27210900	4	13.353	703957	50.0
Indene	13.731	252.8	ug/l	3558960	4	13.353	703957	50.0
Benzene, 2-ethe...	14.487	175.0	ug/l	2464430	4	13.353	703957	50.0
Benzene, 2-bute...	14.602	175.0	ug/l	2464120	4	13.353	703957	50.0
2-Methylindene	14.669	381.3	ug/l	5368550	4	13.353	703957	50.0
1H-Indene, 1-me...	14.755	496.2	ug/l	6985880	4	13.353	703957	50.0
Azulene	15.151	4164.4	ug/l	58631400	4	13.353	703957	50.0