

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007962.D
 Acq On : 21 Mar 2022 18:09
 Operator : SY/MD
 Sample : N1974-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-5-11-25-26

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\82Y031722S.M
 Title : SW846 8260

Signal : TIC: VY007962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.716	954	967	973	rBV	192204	462919	9.00%	2.357%
2	7.789	973	979	990	rVB	317526	722287	14.04%	3.678%
3	8.149	1028	1038	1051	rBV3	269320	706380	13.73%	3.597%
4	8.691	1118	1127	1140	rBV	518412	1026526	19.95%	5.227%
5	9.185	1194	1208	1214	rBV3	21027	51891	1.01%	0.264%
6	10.179	1362	1371	1379	rBV	849519	1468298	28.54%	7.476%
7	11.489	1578	1586	1597	rBV	776925	1287431	25.02%	6.555%
8	11.593	1597	1603	1611	rVV	383008	597586	11.61%	3.043%
9	11.703	1613	1621	1632	rVB	119356	247192	4.80%	1.259%
10	12.032	1663	1675	1682	rBV	44764	96687	1.88%	0.492%
11	12.331	1714	1724	1729	rBV	185790	285350	5.55%	1.453%
12	12.483	1742	1749	1756	rBV	614691	943697	18.34%	4.805%
13	12.587	1761	1766	1771	rVB	47626	75693	1.47%	0.385%
14	12.672	1771	1780	1784	rVB2	24864	56384	1.10%	0.287%
15	12.812	1800	1803	1814	rVB4	35762	79836	1.55%	0.406%
16	12.971	1823	1829	1837	rVB	138058	215748	4.19%	1.098%
17	13.123	1848	1854	1860	rBV	89645	139582	2.71%	0.711%
18	13.428	1898	1904	1907	rBV	734115	1254205	24.38%	6.386%
19	13.459	1907	1909	1916	rVB	404713	483103	9.39%	2.460%
20	13.629	1927	1937	1951	rVB	3418773	5145361	100.00%	26.198%
21	13.806	1961	1966	1974	rVB2	83248	143062	2.78%	0.728%
22	13.971	1988	1993	1997	rBV	70457	105884	2.06%	0.539%
23	14.080	2006	2011	2016	rVB	116567	173391	3.37%	0.883%
24	14.294	2037	2046	2051	rBV2	58475	113124	2.20%	0.576%
25	14.404	2056	2064	2070	rBV5	29679	68516	1.33%	0.349%
26	14.568	2086	2091	2096	rBV	73034	108479	2.11%	0.552%
27	14.684	2102	2110	2116	rBV3	181823	387514	7.53%	1.973%
28	14.751	2116	2121	2128	rVB4	48942	87057	1.69%	0.443%
29	14.830	2128	2134	2140	rBV2	111954	177518	3.45%	0.904%
30	14.940	2144	2152	2156	rBV5	28876	61016	1.19%	0.311%
31	15.056	2165	2171	2179	rVB2	35485	71714	1.39%	0.365%
32	15.239	2191	2201	2212	rBV	1349478	2271159	44.14%	11.564%
33	16.293	2368	2374	2390	rVB	104718	223096	4.34%	1.136%
34	16.489	2399	2406	2415	rVB	143647	302643	5.88%	1.541%

Sum of corrected areas: 19640329

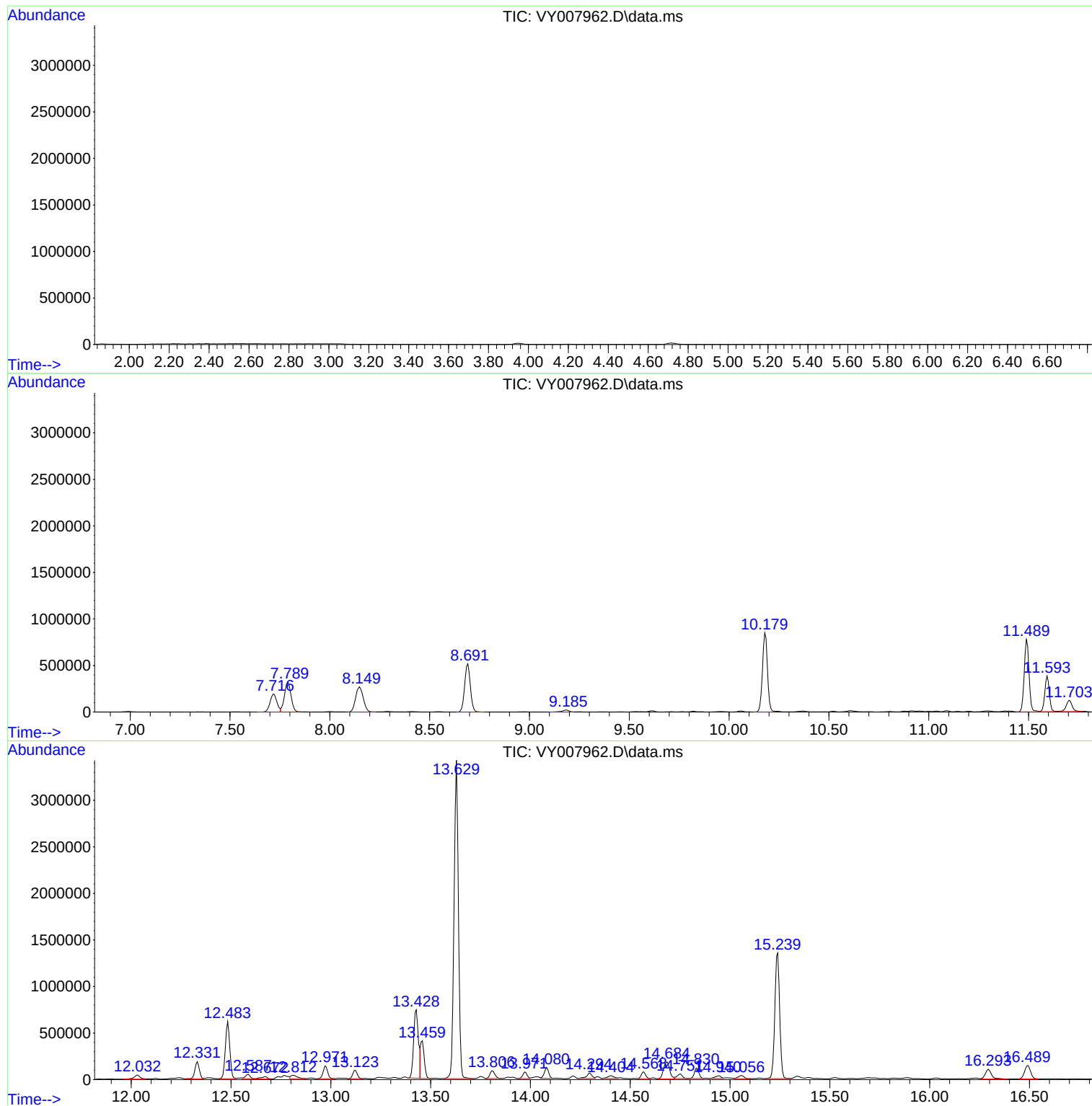
Instrument :
MSVOA_Y
ClientSampleId :
G-5-11-25-26

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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



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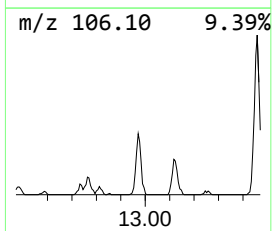
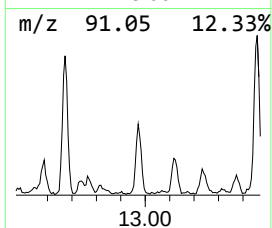
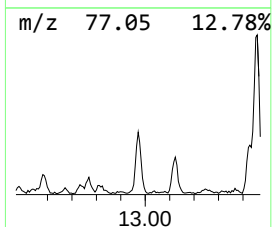
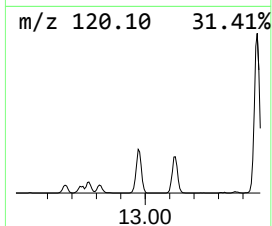
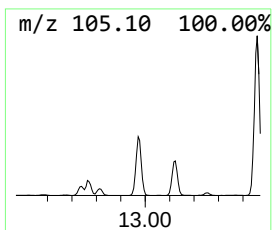
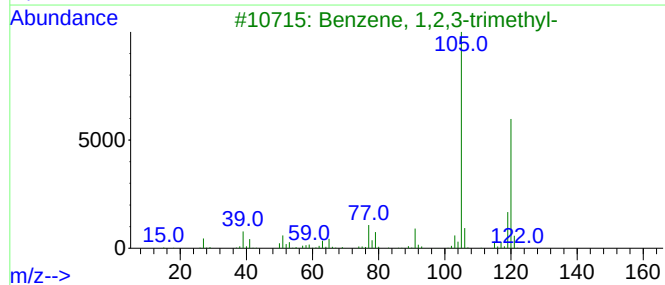
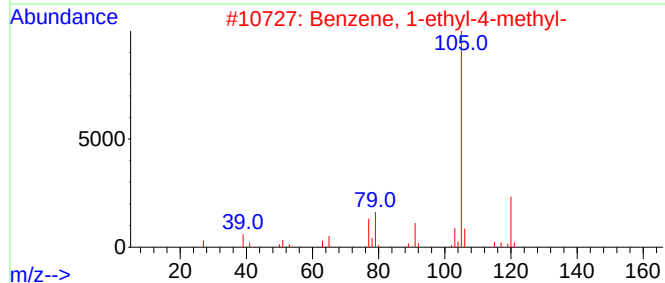
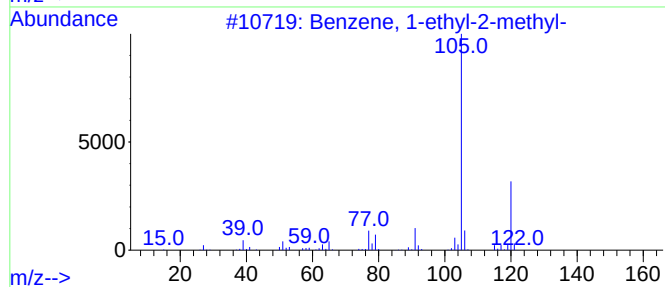
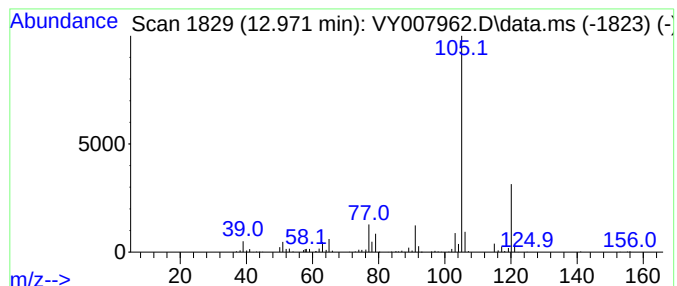
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	8.60 ug/l	215748	1,4-Dichlorobenzene-d4	13.428

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-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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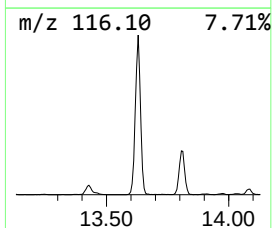
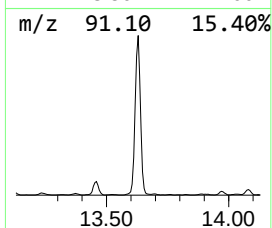
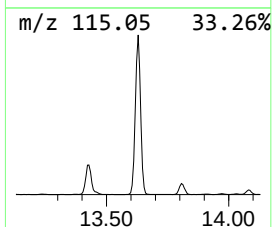
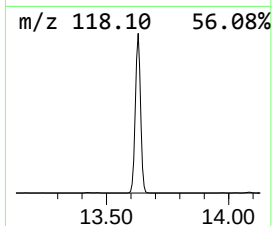
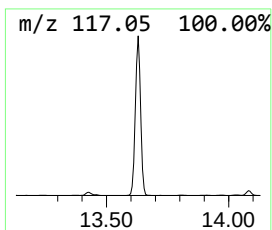
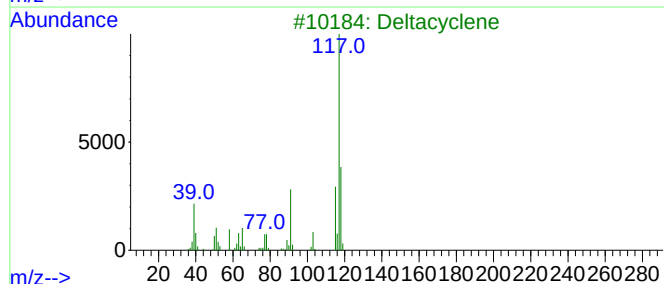
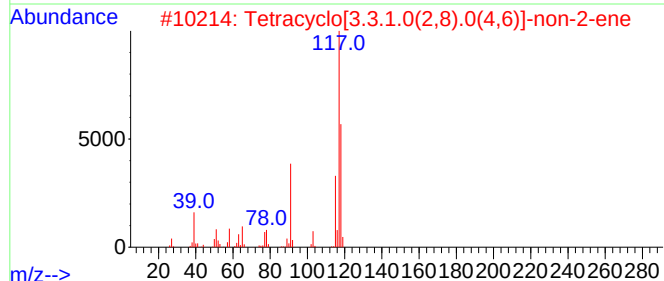
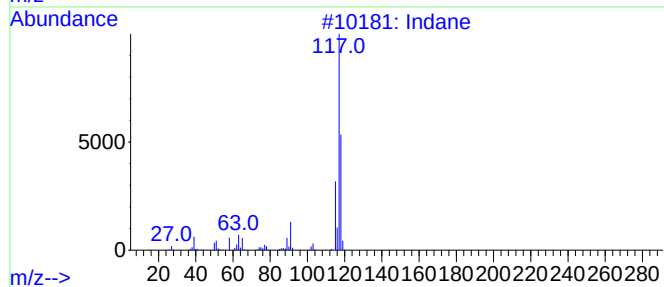
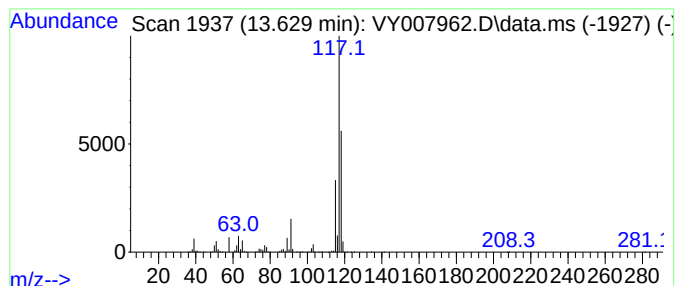
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	205.12 ug/l	5145360	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	93
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3		Deltacyclene	118	C9H10	007785-10-6	72
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	53



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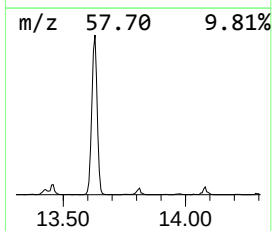
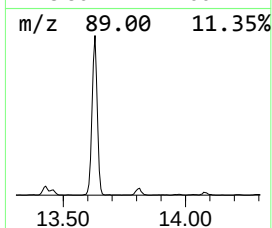
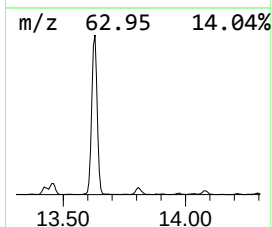
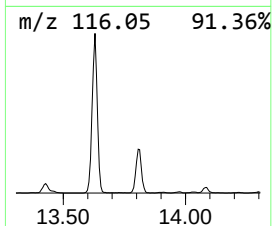
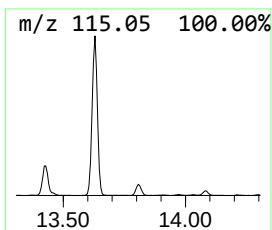
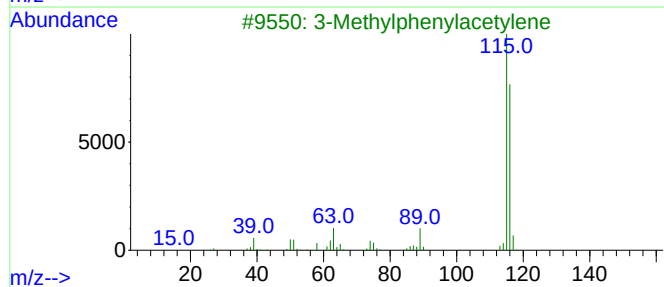
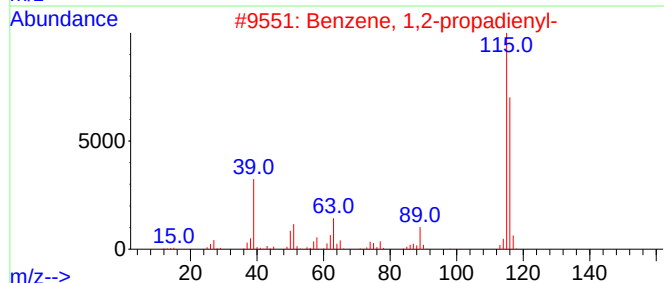
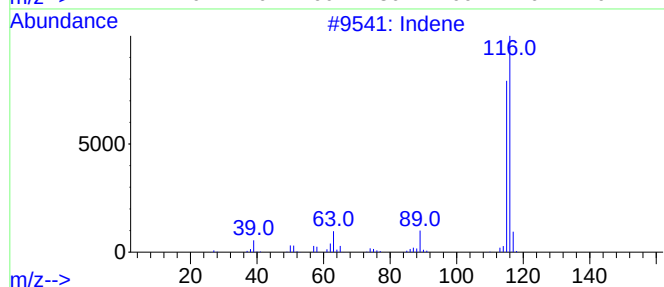
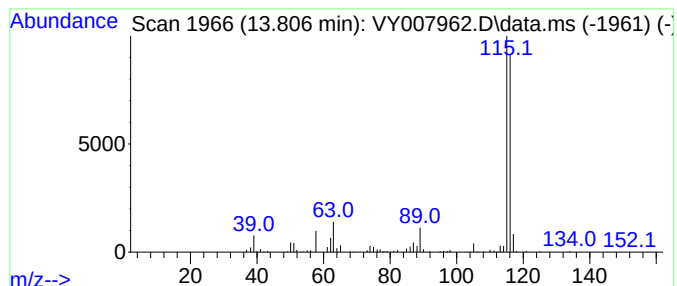
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2-propadienyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	5.70 ug/l	143062	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4			2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90



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ALS Vial : 22 Sample Multiplier: 1

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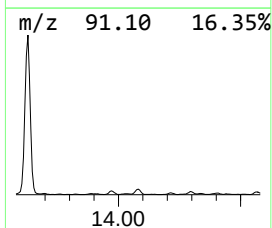
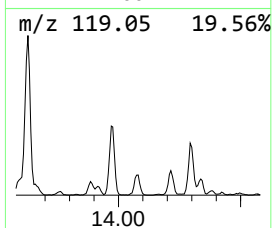
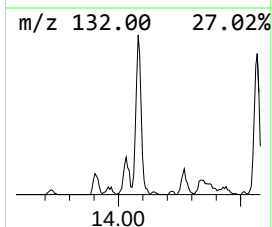
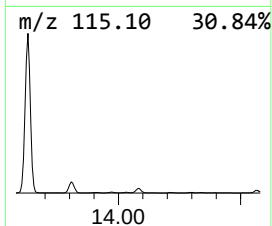
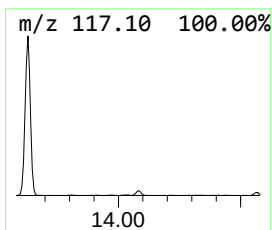
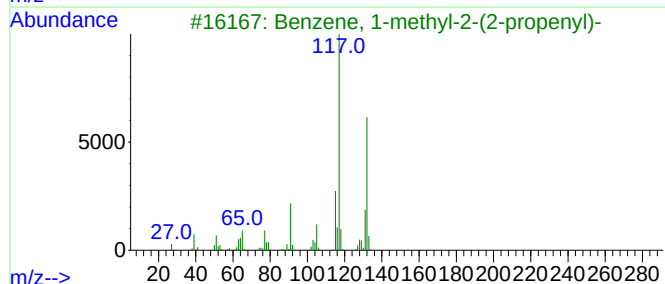
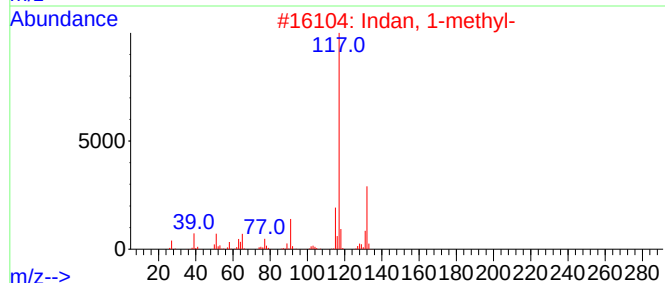
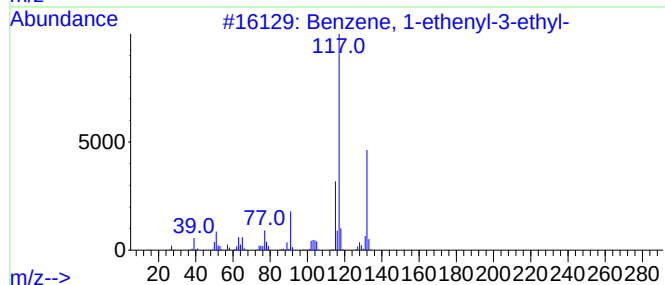
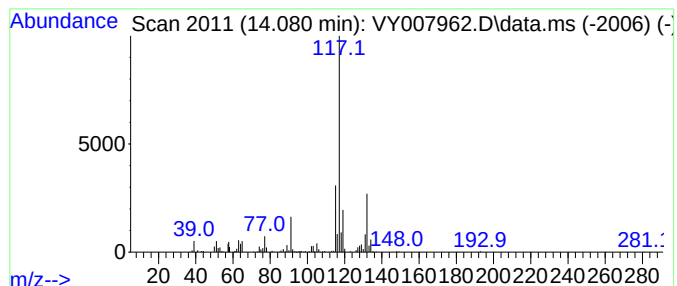
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	6.91 ug/l	173391	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2			Indan, 1-methyl-	132	C10H12	000767-58-8	81
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76



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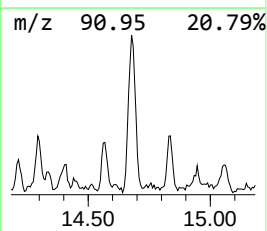
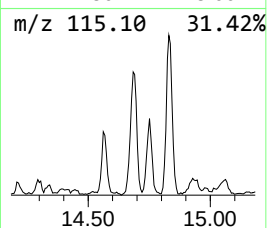
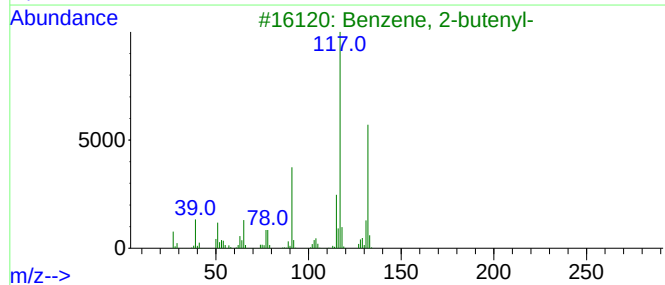
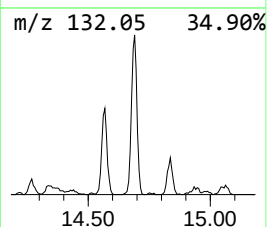
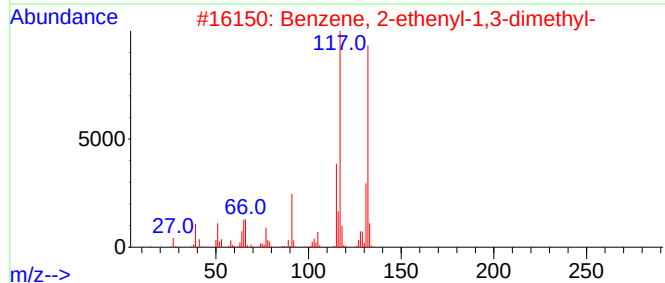
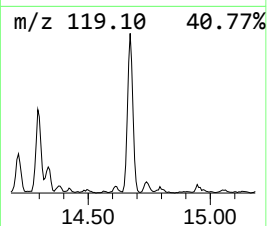
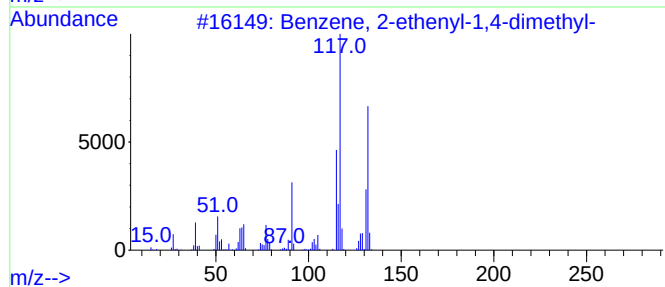
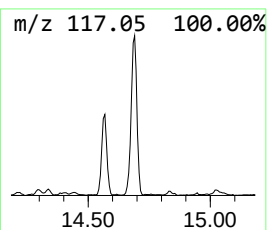
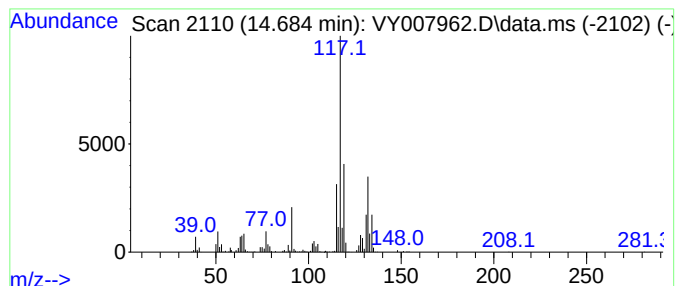
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	15.45 ug/l	387514	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



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G-5-11-25-26

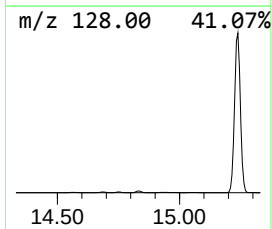
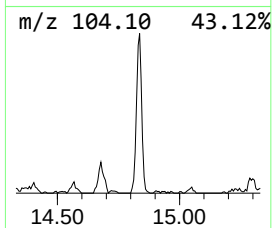
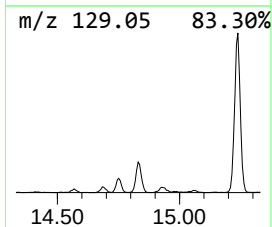
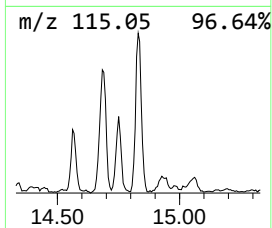
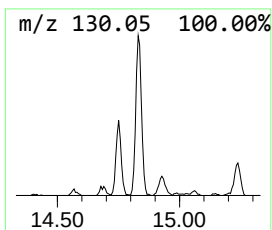
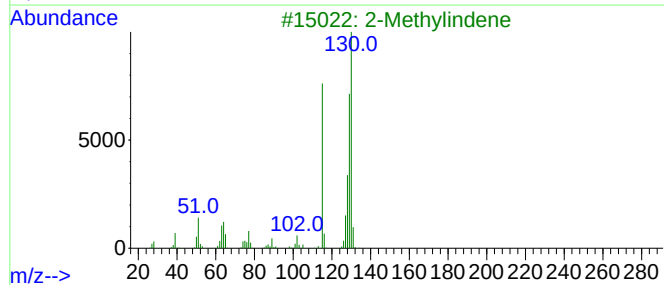
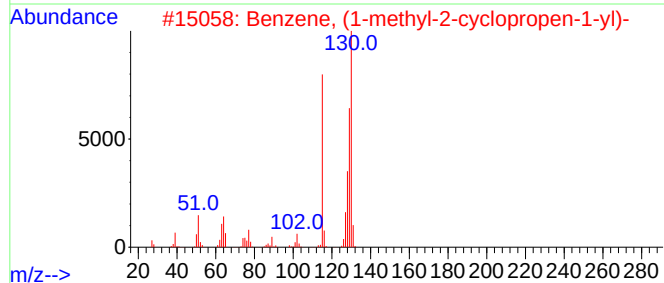
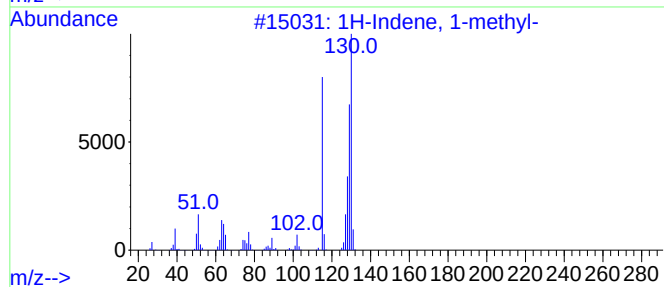
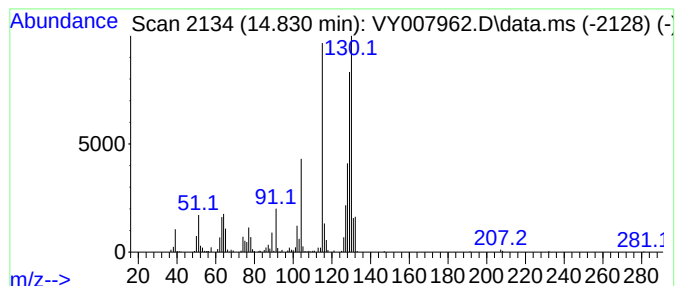
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	7.08 ug/l	177518	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	94
3			2-Methylindene	130	C10H10	002177-47-1	94
4			Cycloprop[a]indene, 1,1a,6,6a-tetrahydro-	130	C10H10	015677-15-3	93
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007962.D
Acq On : 21 Mar 2022 18:09
Operator : SY/MD
Sample : N1974-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-5-11-25-26

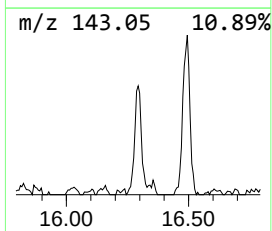
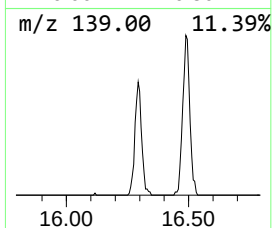
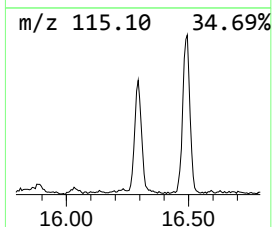
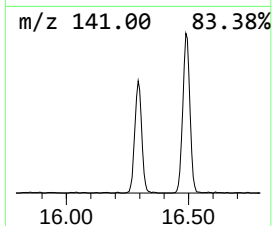
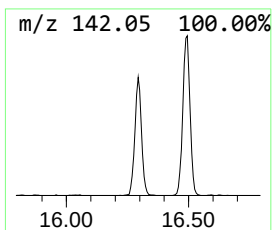
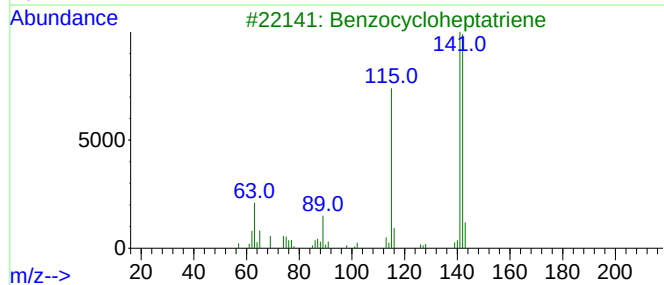
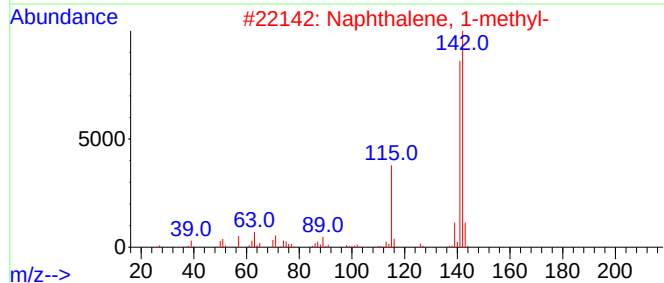
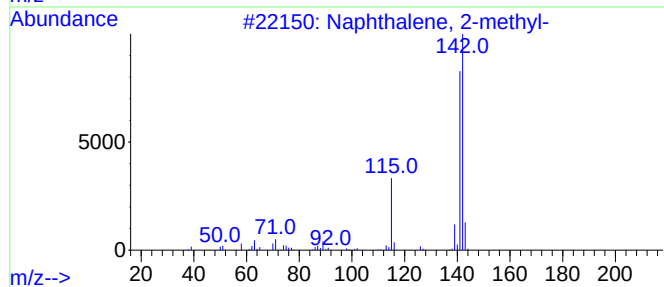
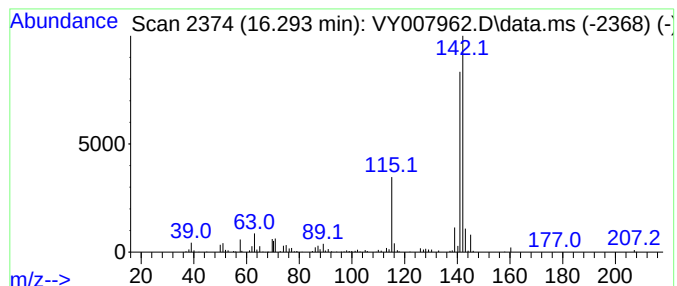
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	8.89 ug/l	223096	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	90
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007962.D
Acq On : 21 Mar 2022 18:09
Operator : SY/MD
Sample : N1974-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-5-11-25-26

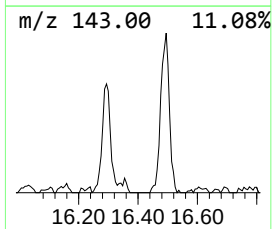
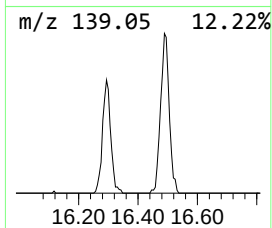
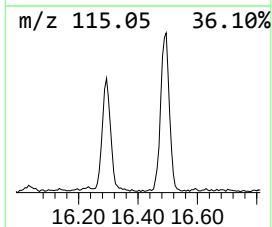
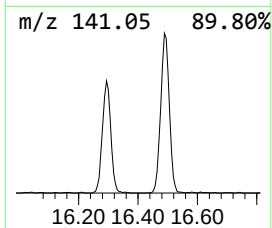
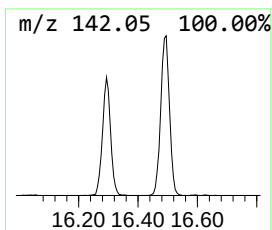
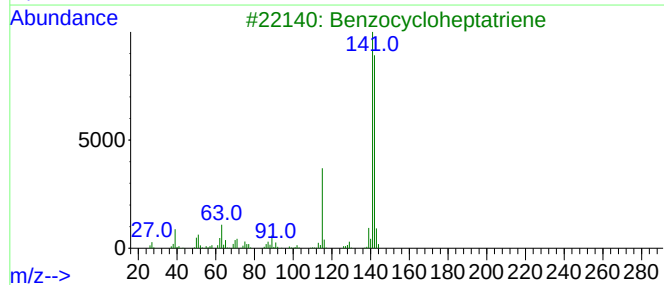
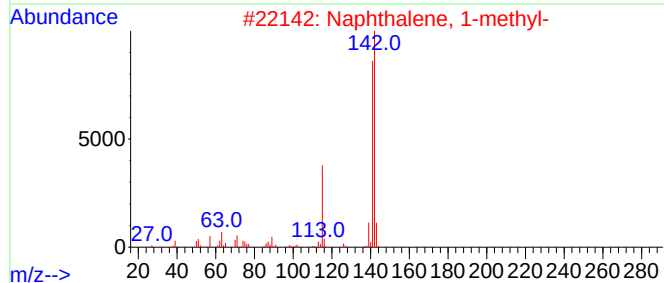
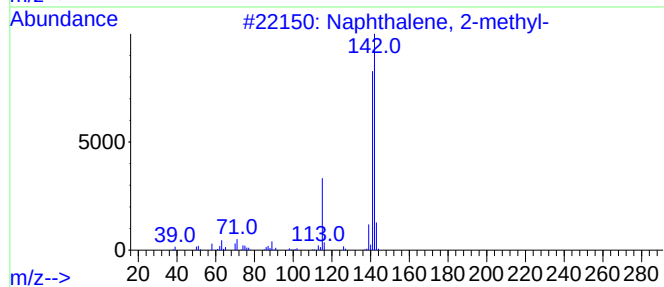
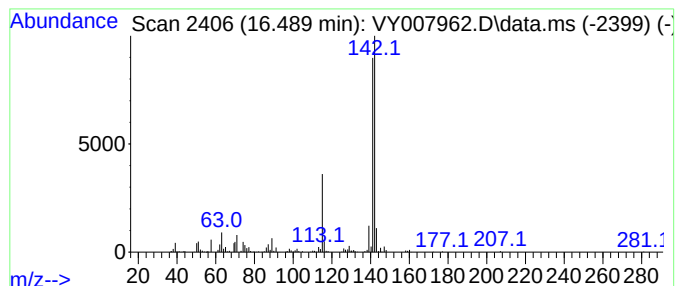
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	12.07 ug/l	302643	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007962.D
Acq On : 21 Mar 2022 18:09
Operator : SY/MD
Sample : N1974-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-5-11-25-26

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.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...	12.971	8.6	ug/l	215748	4	13.428	1254210	50.0
Indane	13.629	205.1	ug/l	5145360	4	13.428	1254210	50.0
Benzene, 1,2-pr...	13.806	5.7	ug/l	143062	4	13.428	1254210	50.0
Benzene, 1-ethe...	14.081	6.9	ug/l	173391	4	13.428	1254210	50.0
Benzene, 2-ethe...	14.684	15.4	ug/l	387514	4	13.428	1254210	50.0
1H-Indene, 1-me...	14.830	7.1	ug/l	177518	4	13.428	1254210	50.0
Naphthalene, 2-...	16.294	8.9	ug/l	223096	4	13.428	1254210	50.0
Naphthalene, 1-...	16.489	12.1	ug/l	302643	4	13.428	1254210	50.0