

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016047.D
 Acq On : 19 Oct 2023 19:07
 Operator : SY/MD
 Sample : 04941-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12017

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\82Y101823S.M
 Title : SW846 8260

Signal : TIC: VY016047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	463	475	492	rVB2	26408	84325	12.02%	1.174%
2	5.753	633	645	658	rVB4	12441	38048	5.42%	0.530%
3	7.002	837	850	867	rBV	78516	315945	45.02%	4.400%
4	7.722	957	968	973	rBV	97000	232810	33.17%	3.242%
5	7.789	973	979	989	rVB	181084	410702	58.52%	5.719%
6	8.142	1022	1037	1049	rBV2	97127	242914	34.61%	3.383%
7	8.691	1118	1127	1139	rBV	268199	516250	73.56%	7.189%
8	10.185	1364	1372	1381	rBV	398860	701795	100.00%	9.773%
9	10.581	1431	1437	1448	rVB	28297	55130	7.86%	0.768%
10	10.947	1491	1497	1508	rVB	30765	52066	7.42%	0.725%
11	11.495	1580	1587	1600	rBV	355596	594413	84.70%	8.277%
12	11.861	1640	1647	1649	rBV5	3704	7662	1.09%	0.107%
13	12.422	1715	1739	1741	rBV3	32689	134152	19.12%	1.868%
14	12.483	1744	1749	1778	rVB	318789	654860	93.31%	9.119%
15	12.770	1786	1796	1799	rBV6	8749	22655	3.23%	0.315%
16	12.812	1799	1803	1809	rVV7	13302	33836	4.82%	0.471%
17	12.965	1811	1828	1840	rVV2	85215	415912	59.26%	5.792%
18	13.111	1840	1852	1868	rVB4	47642	247892	35.32%	3.452%
19	13.288	1874	1881	1884	rBV8	3746	9195	1.31%	0.128%
20	13.428	1897	1904	1913	rVB	362013	556290	79.27%	7.747%
21	13.580	1918	1929	1934	rVV6	12647	47306	6.74%	0.659%
22	13.672	1935	1944	1961	rVB6	31642	127346	18.15%	1.773%
23	13.812	1961	1967	1975	rVB6	4438	12052	1.72%	0.168%
24	13.971	1988	1993	1996	rBV3	9604	16964	2.42%	0.236%
25	14.032	1996	2003	2013	rVB3	16720	53987	7.69%	0.752%
26	14.215	2028	2033	2037	rBV7	4205	8186	1.17%	0.114%
27	14.306	2037	2048	2051	rBV4	16846	47298	6.74%	0.659%
28	14.446	2065	2071	2073	rBV5	6854	11973	1.71%	0.167%
29	14.556	2080	2089	2096	rBV5	8069	29764	4.24%	0.414%
30	14.678	2103	2109	2113	rBV3	12947	29268	4.17%	0.408%
31	14.751	2113	2121	2129	rVB4	31906	84591	12.05%	1.178%
32	14.836	2129	2135	2139	rBV2	20812	41267	5.88%	0.575%
33	15.056	2165	2171	2179	rBV2	6438	15033	2.14%	0.209%
34	15.239	2194	2201	2207	rBV	139105	237761	33.88%	3.311%
35	15.318	2211	2214	2223	rVB3	17816	35416	5.05%	0.493%
36	15.428	2223	2232	2238	rBV8	10319	32212	4.59%	0.449%

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37	15.720	2276	2280	2283	rBV4	7230	12140	1.73%	0.169%
38	15.836	2293	2299	2304	rBV5	9311	21046	3.00%	0.293%
39	16.104	2337	2343	2348	rBV7	4117	10868	1.55%	0.151%
40	16.226	2357	2363	2367	rBV3	6992	15004	2.14%	0.209%
41	16.293	2367	2374	2384	rVB	266820	544134	77.53%	7.577%
42	16.409	2389	2393	2398	rVV3	4495	8955	1.28%	0.125%
43	16.495	2398	2407	2416	rVB	197041	411723	58.67%	5.733%

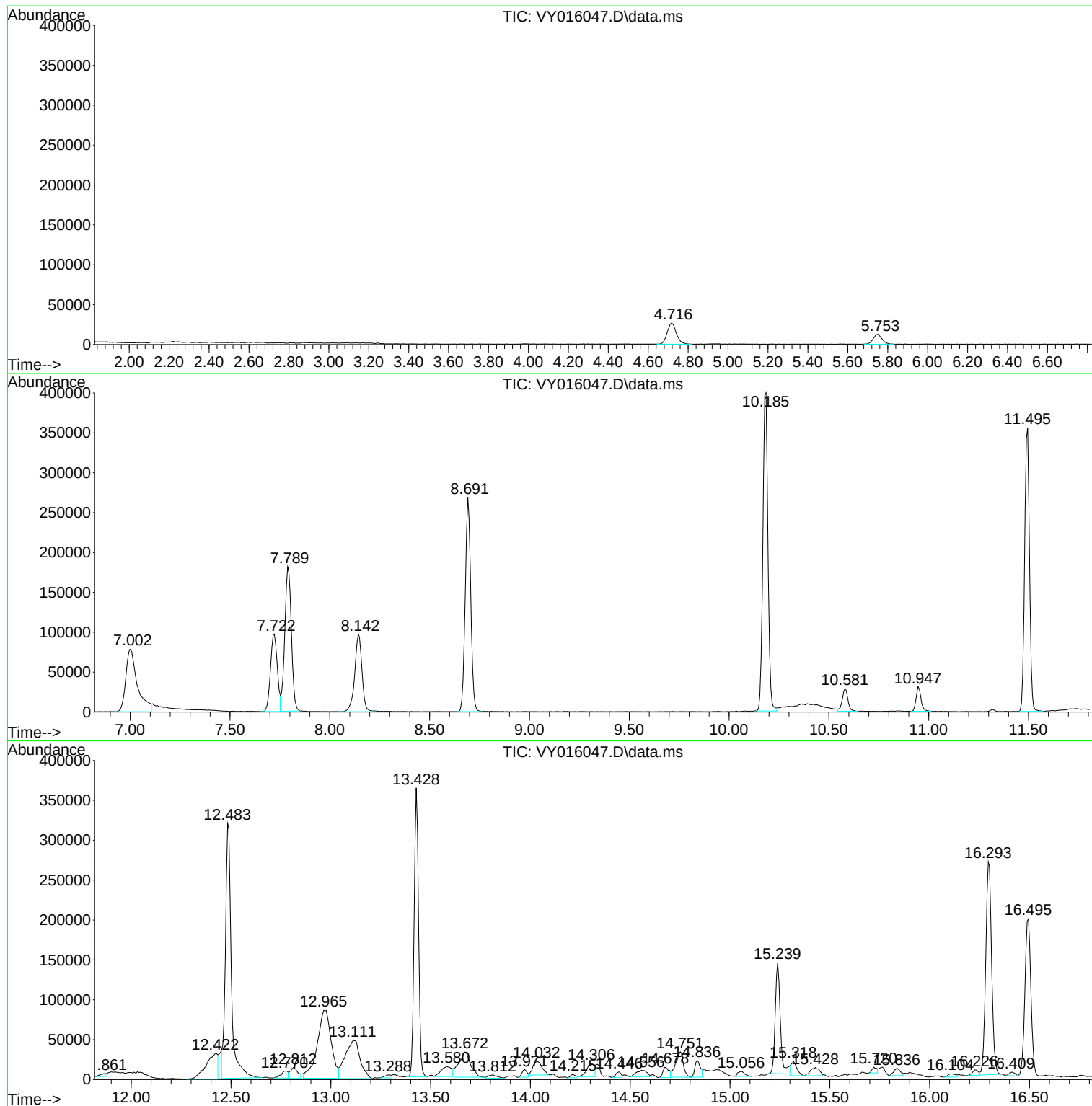
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Quant Title : SW846 8260

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



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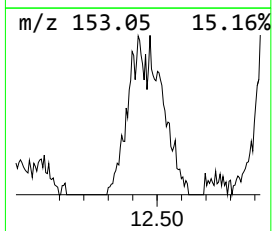
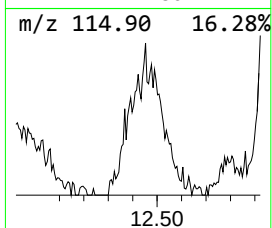
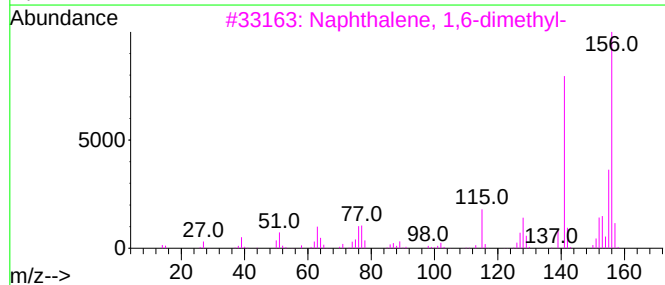
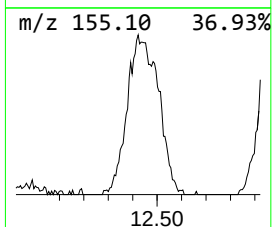
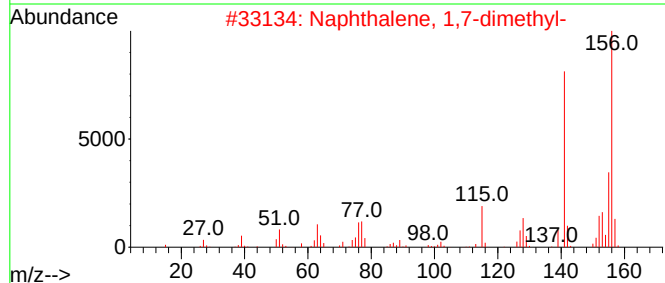
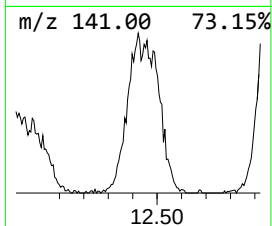
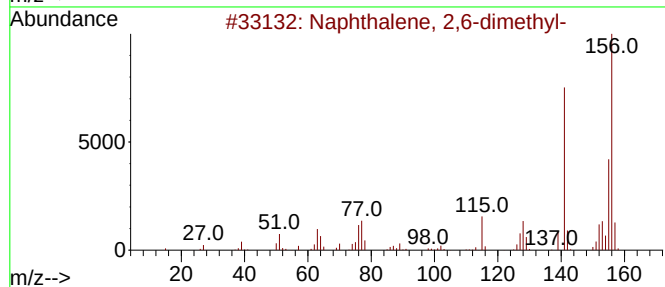
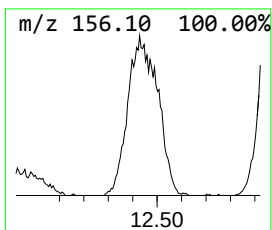
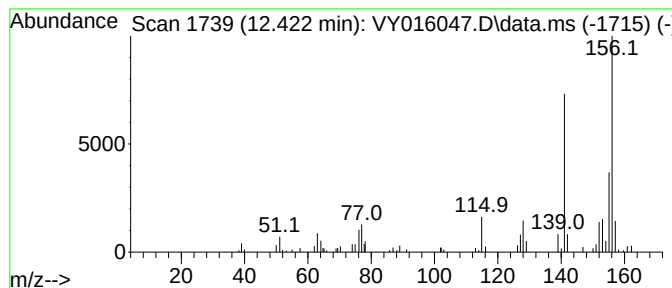
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	11.28 ug/l	134152	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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Instrument :
MSVOA_Y
ClientSampleId :
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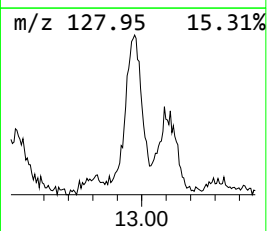
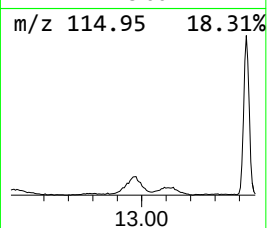
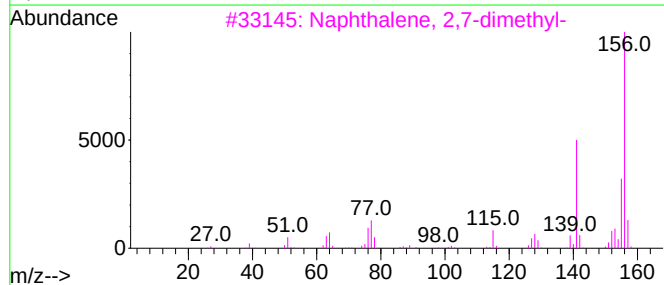
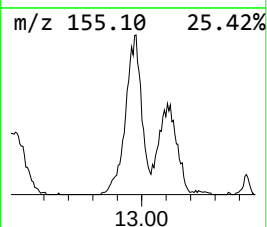
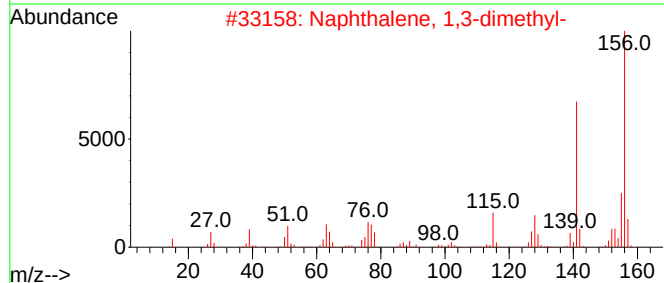
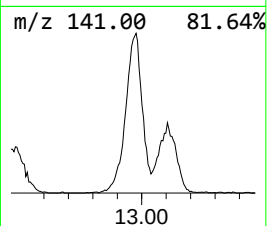
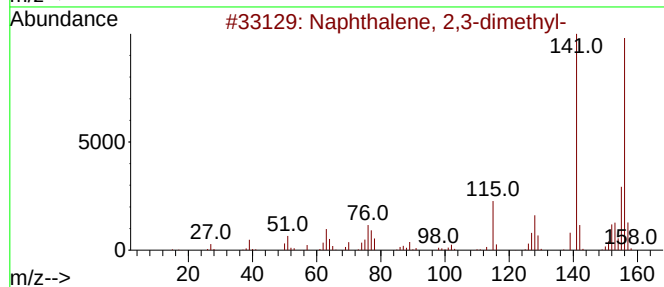
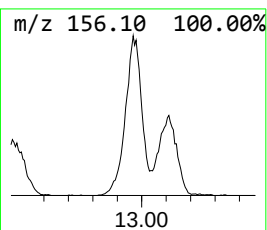
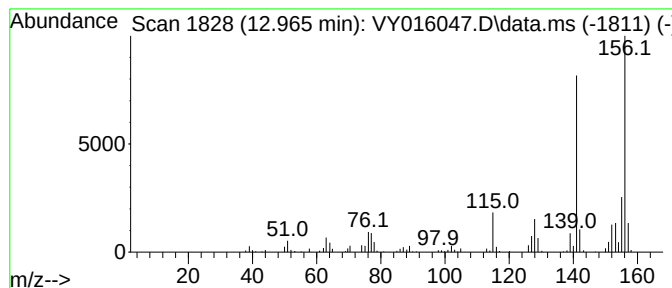
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	37.38 ug/l	415912	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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ALS Vial : 16 Sample Multiplier: 1

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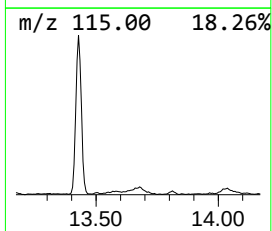
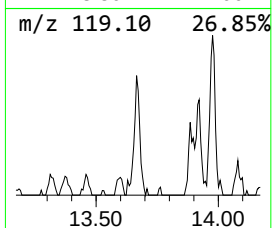
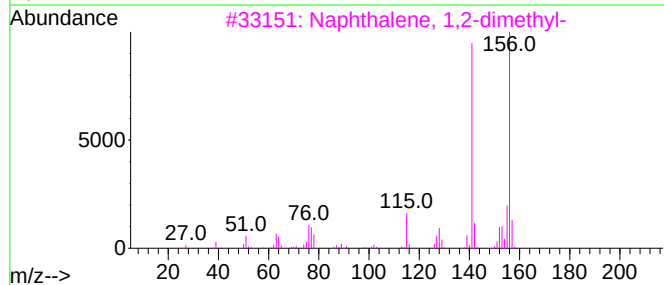
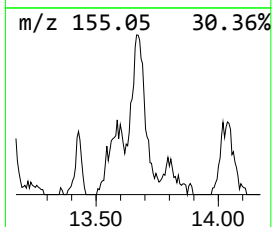
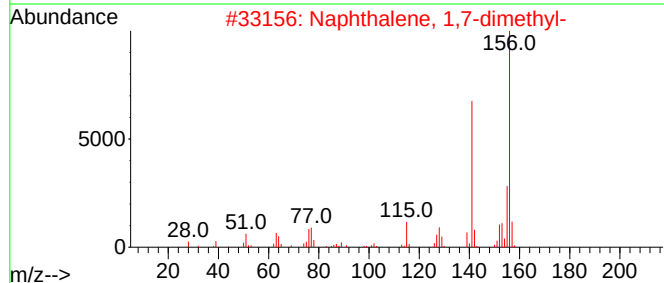
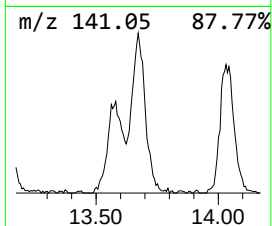
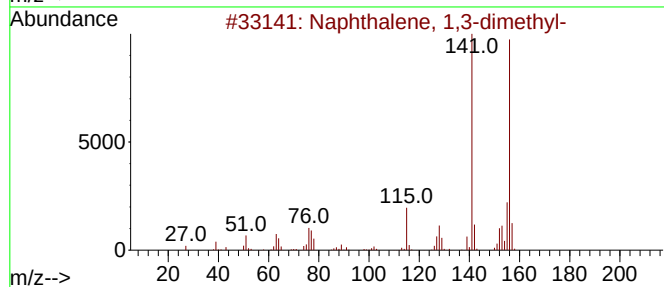
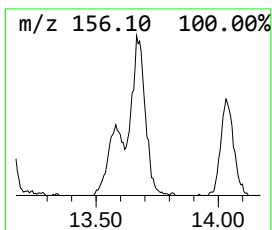
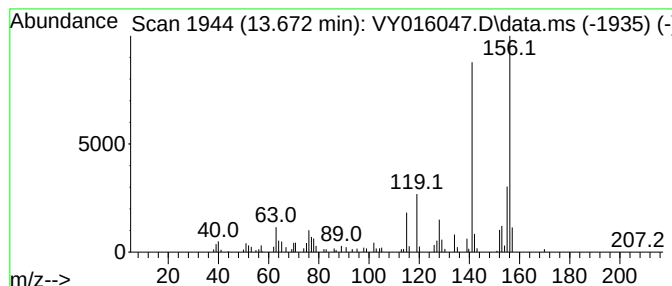
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	11.45 ug/l	127346	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



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Instrument :
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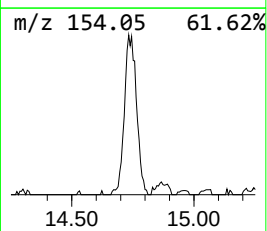
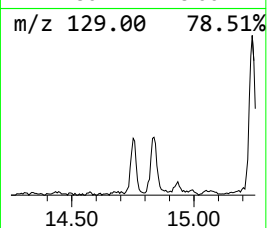
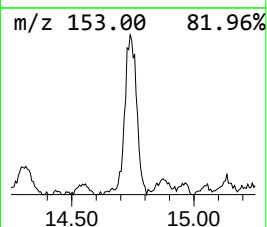
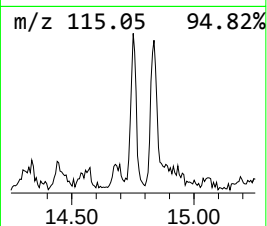
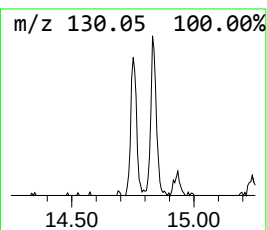
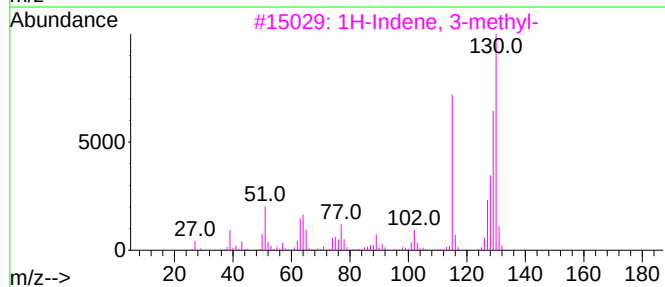
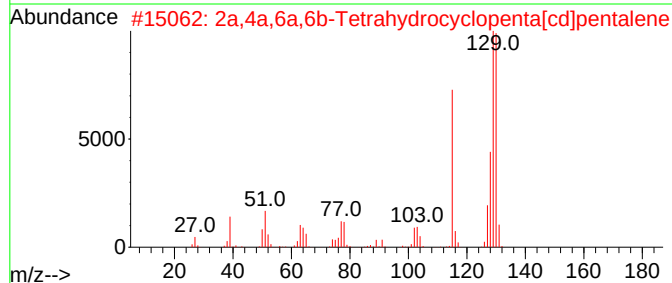
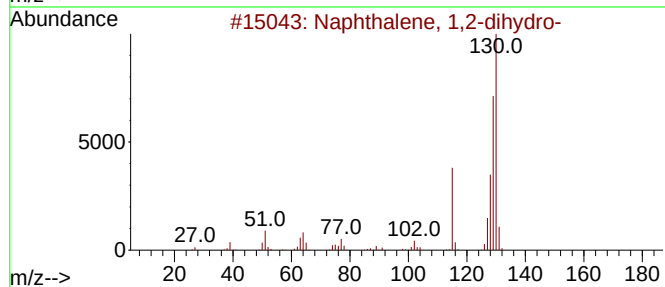
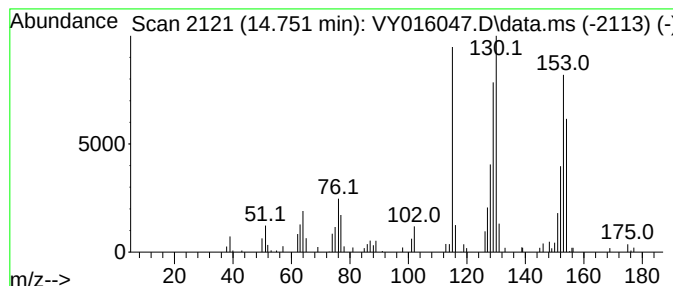
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Peak Number 5 Naphthalene, 1,2-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	7.60 ug/l	84591	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70
2			2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	70
3			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	64
4			Benzene, 1-butynyl-	130	C10H10	000622-76-4	51
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	50



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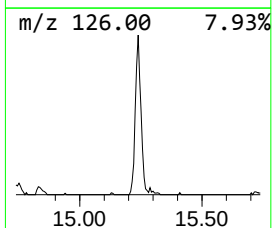
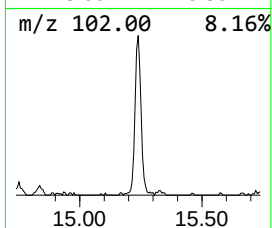
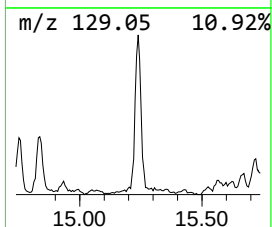
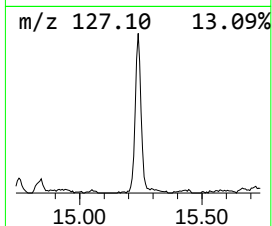
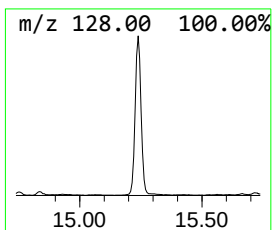
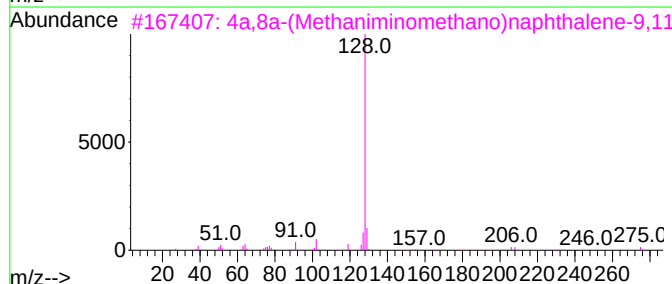
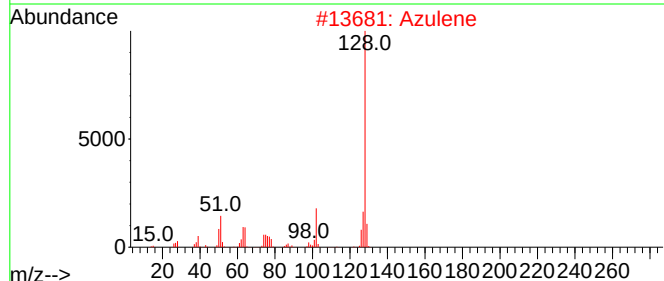
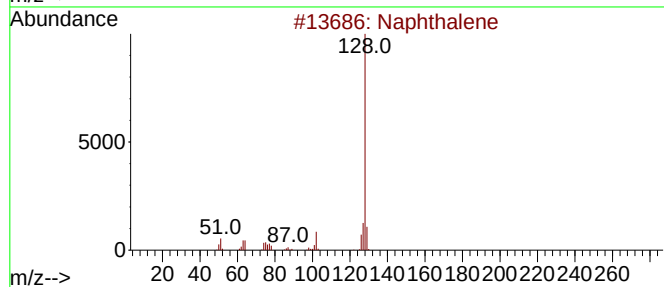
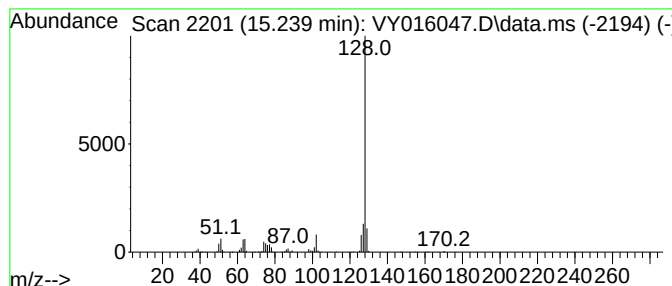
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 6 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	21.37 ug/l	237761	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5			4-Phenylbut-3-ene-1-yne	128	C10H8	100022-12-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016047.D
Acq On : 19 Oct 2023 19:07
Operator : SY/MD
Sample : 04941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-12017

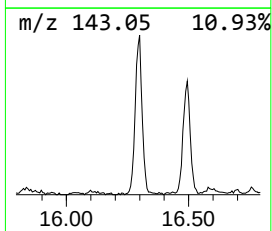
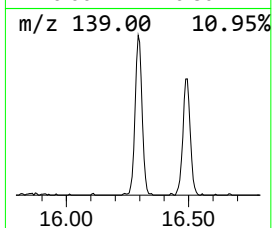
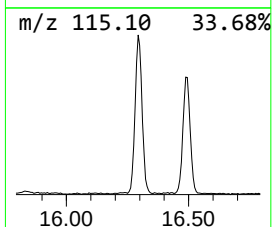
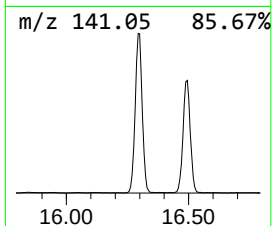
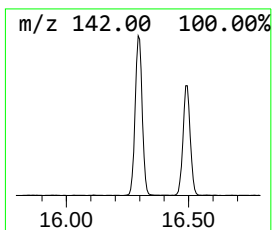
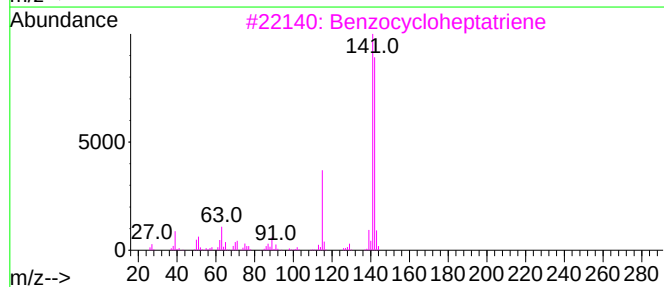
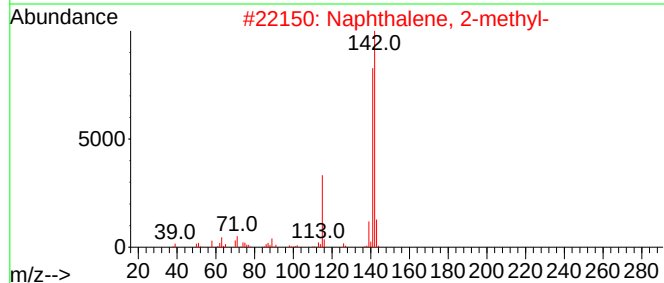
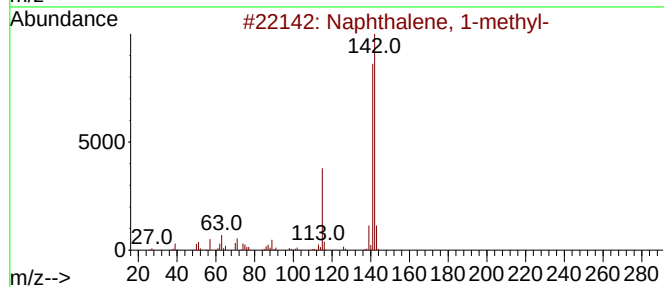
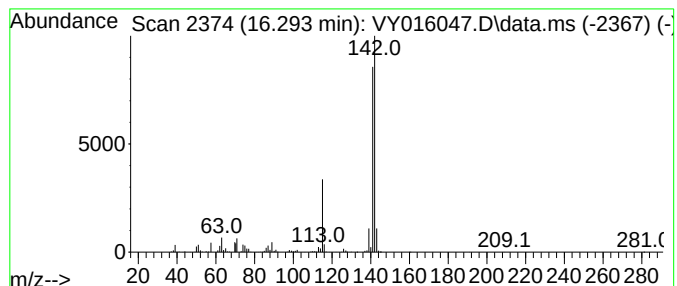
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Quant Title : SW846 8260

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

Peak Number 7 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	48.91 ug/l	544134	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016047.D
Acq On : 19 Oct 2023 19:07
Operator : SY/MD
Sample : 04941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-12017

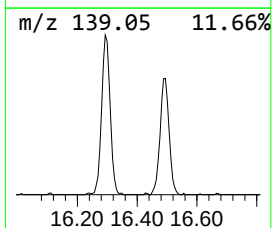
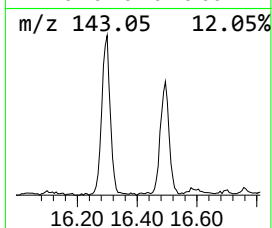
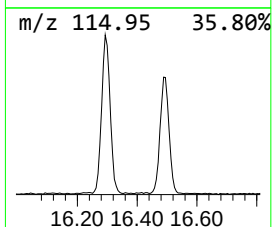
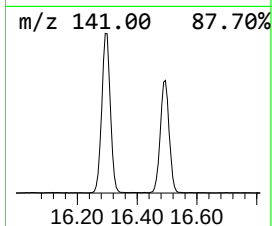
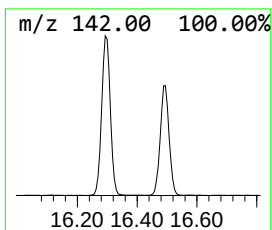
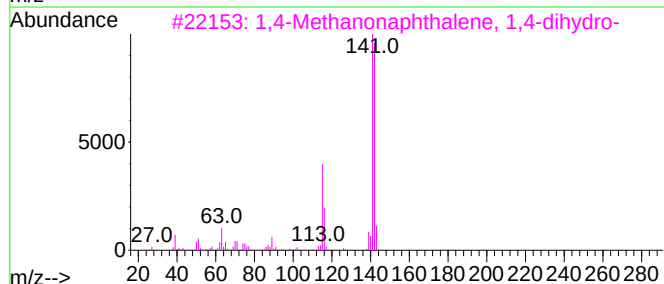
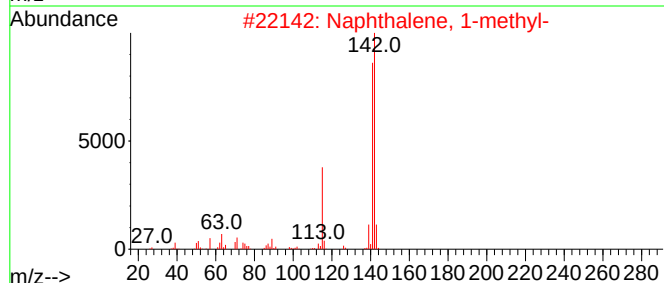
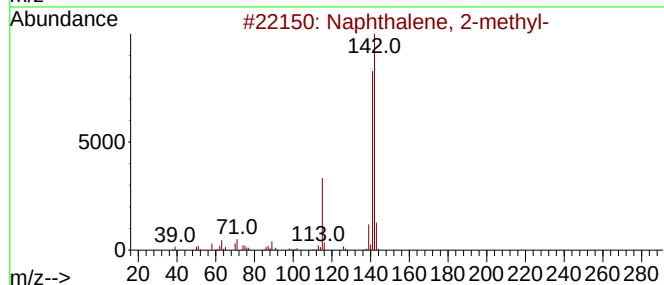
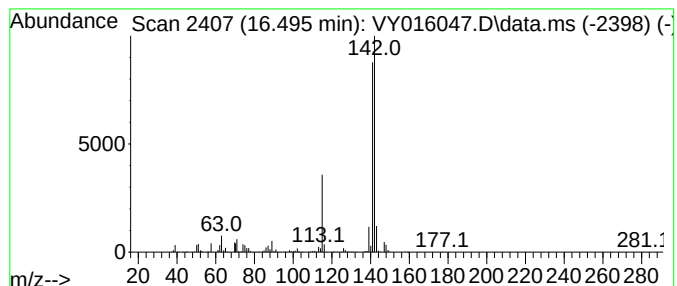
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.495	37.01 ug/l	411723	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			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016047.D
Acq On : 19 Oct 2023 19:07
Operator : SY/MD
Sample : 04941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-12017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.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
Naphthalene, 2,...	12.422	11.3	ug/l	134152	3	11.496	594413	50.0
Naphthalene, 2,...	12.965	37.4	ug/l	415912	4	13.428	556290	50.0
Naphthalene, 1,...	13.672	11.4	ug/l	127346	4	13.428	556290	50.0
Naphthalene, 1,...	14.751	7.6	ug/l	84591	4	13.428	556290	50.0
Azulene	15.239	21.4	ug/l	237761	4	13.428	556290	50.0
Benzocyclohepta...	16.293	48.9	ug/l	544134	4	13.428	556290	50.0
1,4-Methanonaph...	16.495	37.0	ug/l	411723	4	13.428	556290	50.0