

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007743.D
 Acq On : 04 Mar 2022 15:43
 Operator : SY/MD
 Sample : N1785-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-030322

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\82Y022822S.M
 Title : SW846 8260

Signal : TIC: VY007743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.527	110	116	125	rBV6	9225	24111	1.09%	0.118%
2	4.728	465	477	487	rBV3	26340	80807	3.65%	0.396%
3	7.722	957	968	974	rBV	280842	683501	30.89%	3.353%
4	7.795	974	980	997	rVB	482794	1094130	49.45%	5.367%
5	8.148	1026	1038	1049	rBV	255374	556441	25.15%	2.729%
6	8.691	1119	1127	1139	rVB	682878	1351501	61.08%	6.629%
7	10.184	1364	1372	1378	rBV	1118040	1970153	89.03%	9.664%
8	10.300	1383	1391	1392	rBV3	27407	62592	2.83%	0.307%
9	10.367	1399	1402	1403	rBV	24480	26320	1.19%	0.129%
10	11.489	1579	1586	1596	rBV	999038	1622293	73.31%	7.957%
11	11.709	1612	1622	1625	rBV6	14014	36615	1.65%	0.180%
12	11.916	1633	1656	1658	rBV4	197762	915171	41.36%	4.489%
13	12.483	1744	1749	1768	rVB2	1010251	2212817	100.00%	10.854%
14	12.806	1798	1802	1807	rVV6	21832	44847	2.03%	0.220%
15	12.971	1807	1829	1841	rVV4	325778	1588431	71.78%	7.791%
16	13.117	1842	1853	1870	rVB4	159272	778715	35.19%	3.820%
17	13.428	1897	1904	1914	rVB	949829	1476528	66.73%	7.242%
18	13.592	1919	1931	1933	rBV5	34830	91417	4.13%	0.448%
19	13.672	1940	1944	1953	rVB4	65696	164237	7.42%	0.806%
20	13.970	1987	1993	1997	rBV3	21773	33400	1.51%	0.164%
21	14.031	1997	2003	2007	rVV5	19897	52403	2.37%	0.257%
22	14.080	2008	2011	2016	rVB2	21127	35248	1.59%	0.173%
23	14.300	2042	2047	2050	rVV5	13616	25086	1.13%	0.123%
24	14.568	2086	2091	2096	rVB4	17772	29623	1.34%	0.145%
25	14.739	2103	2119	2131	rBV	449378	1464483	66.18%	7.183%
26	15.062	2167	2172	2176	rVB4	12031	24021	1.09%	0.118%
27	15.129	2176	2183	2185	rBV3	18234	39538	1.79%	0.194%
28	15.238	2192	2201	2207	rBV	753987	1298467	58.68%	6.369%
29	15.330	2212	2216	2223	rVV4	21167	56129	2.54%	0.275%
30	15.440	2223	2234	2245	rVV	102794	399911	18.07%	1.962%
31	15.525	2245	2248	2254	rVB4	15343	26088	1.18%	0.128%
32	16.232	2355	2364	2367	rBV8	18167	45218	2.04%	0.222%
33	16.293	2367	2374	2384	rVV	668093	1318690	59.59%	6.468%
34	16.415	2388	2394	2398	rVV5	10331	23595	1.07%	0.116%
35	16.488	2398	2406	2416	rVB	352061	734894	33.21%	3.605%

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ClientSampleId :
TR-4-030322

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\82Y022822S.M
Title : SW846 8260

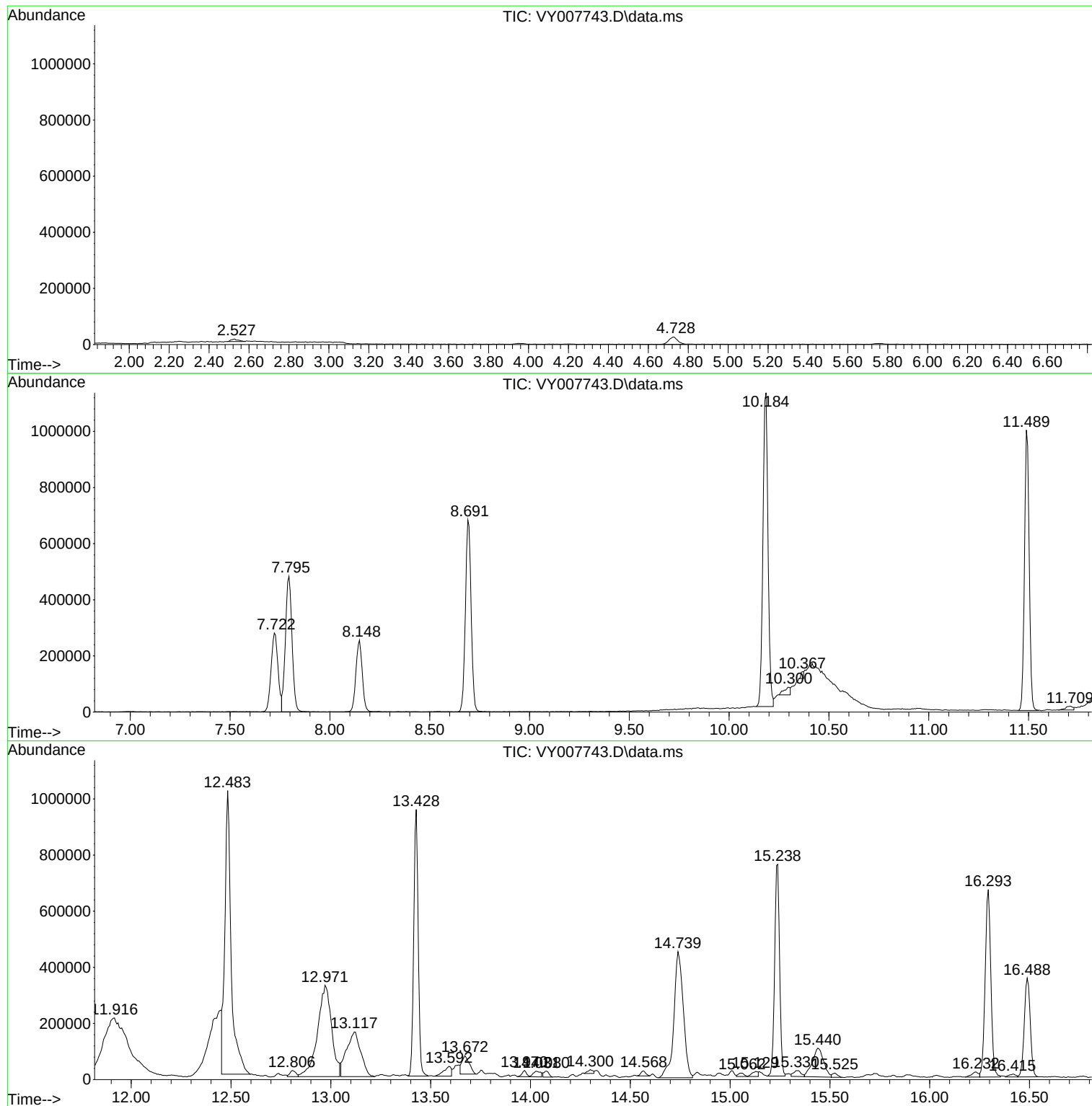
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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



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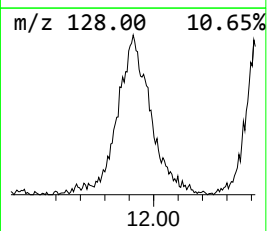
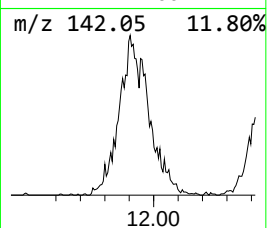
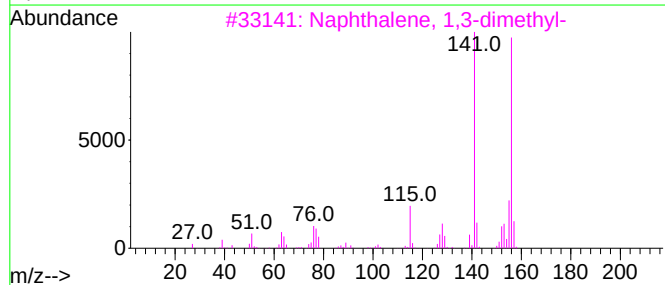
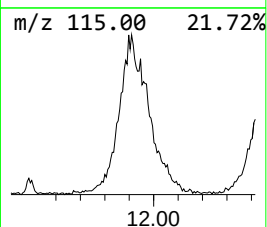
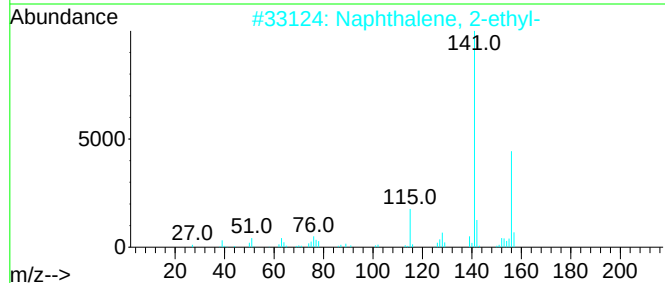
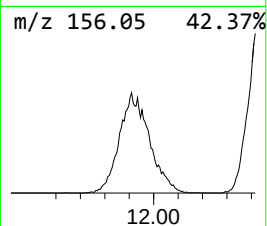
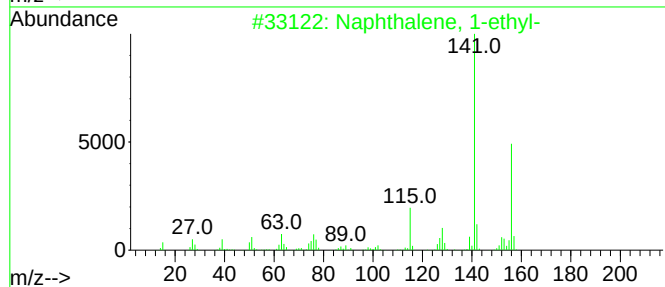
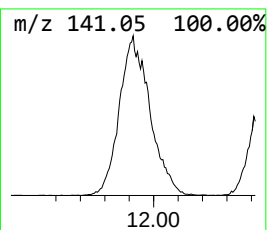
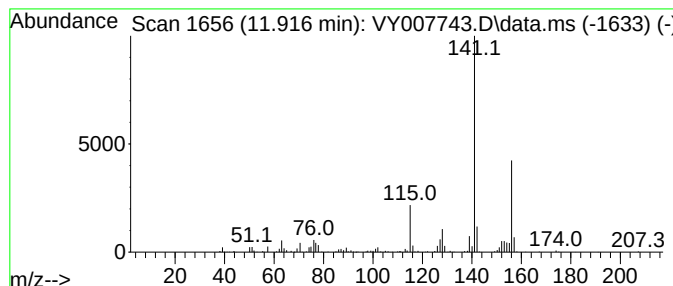
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	28.21 ug/l	915171	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53



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Instrument :
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ClientSampleId :
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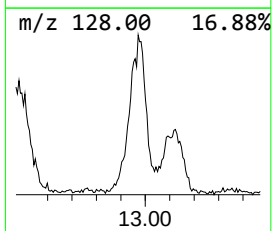
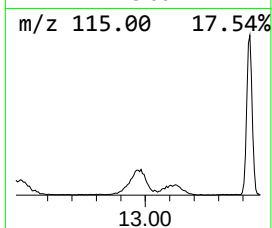
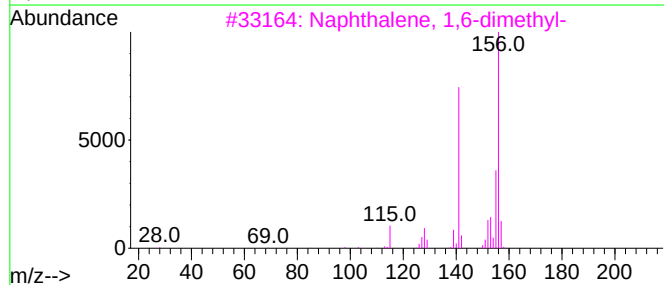
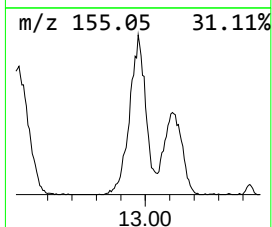
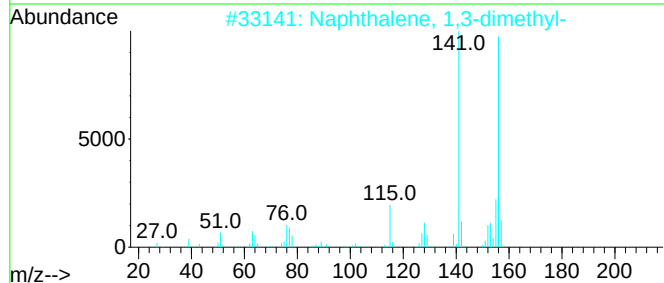
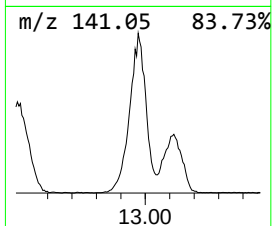
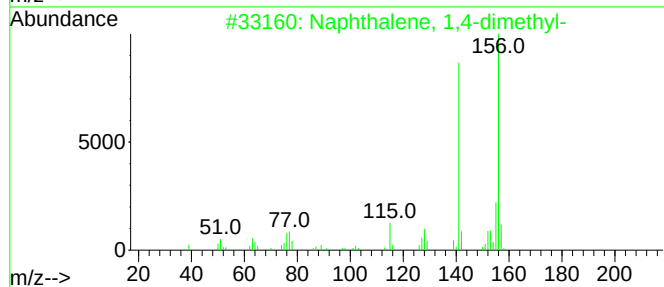
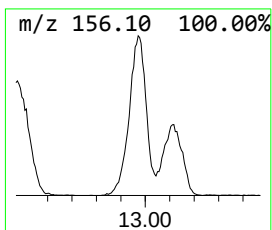
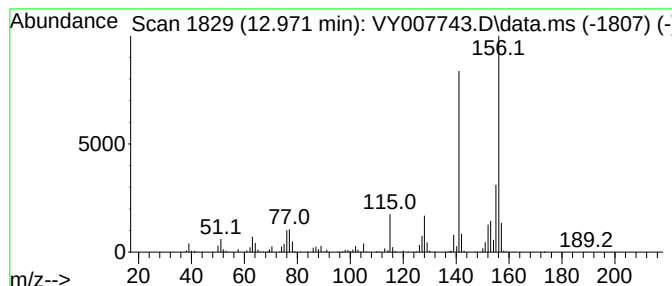
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	53.79 ug/l	1588430	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



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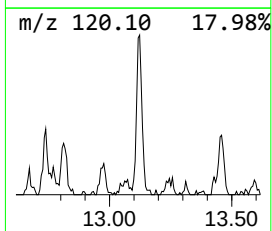
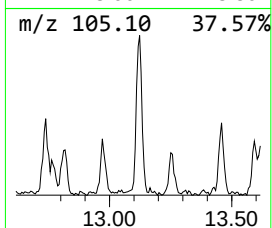
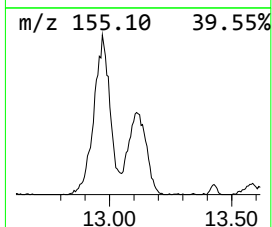
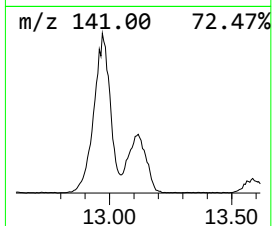
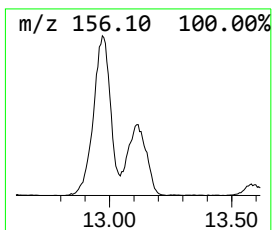
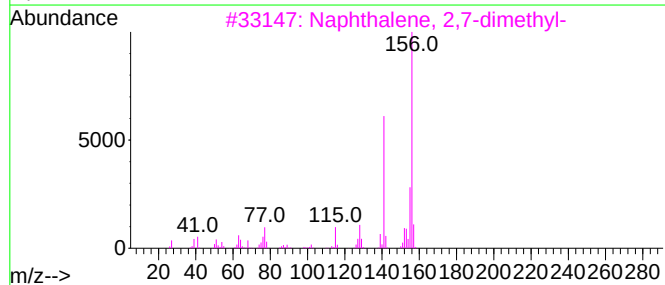
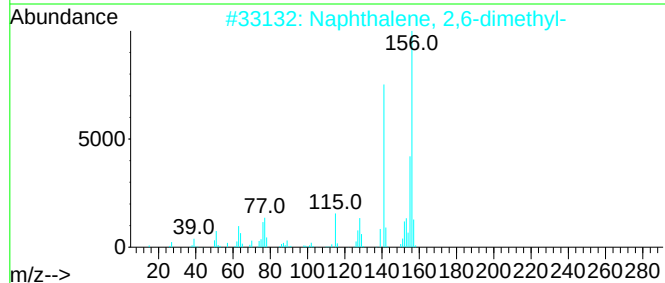
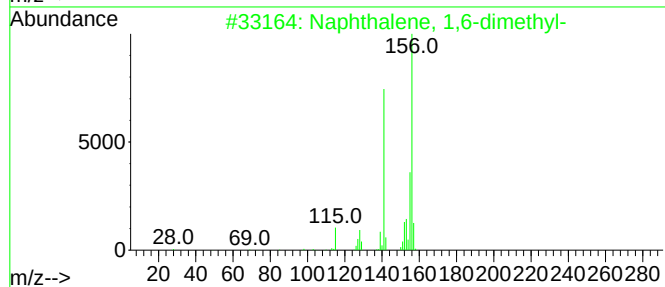
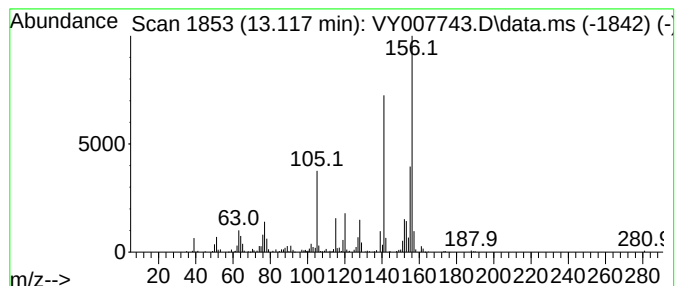
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.117	26.37 ug/l	778715	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91



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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

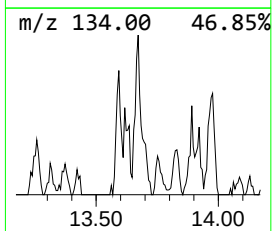
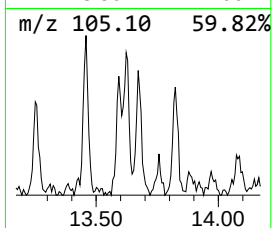
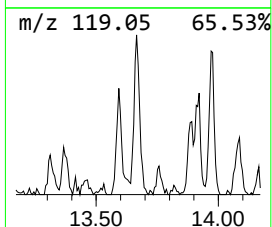
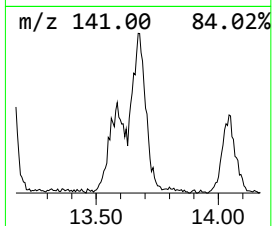
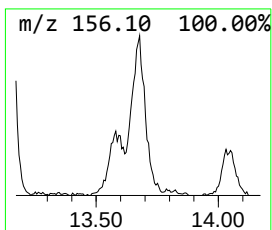
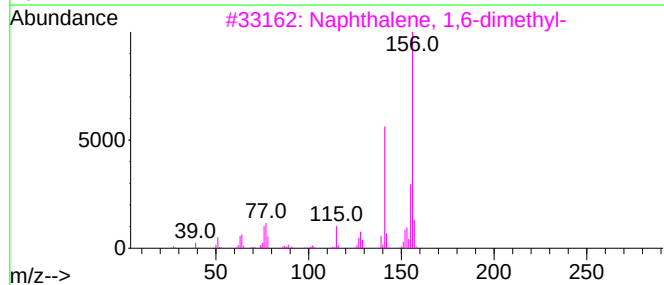
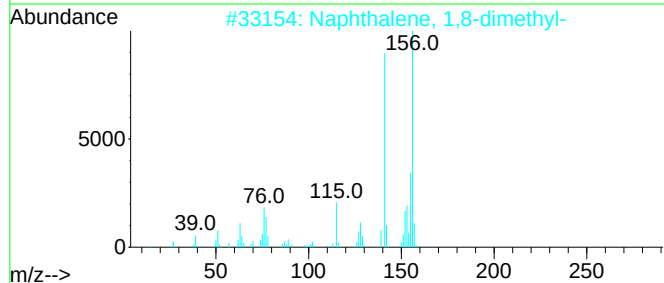
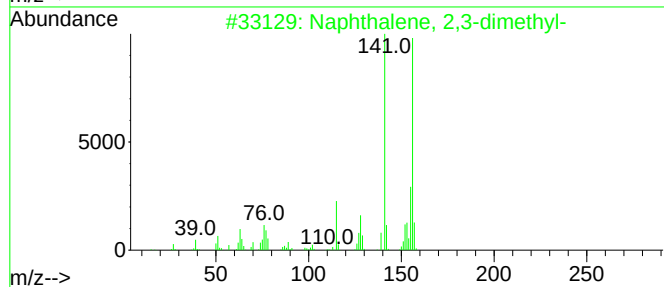
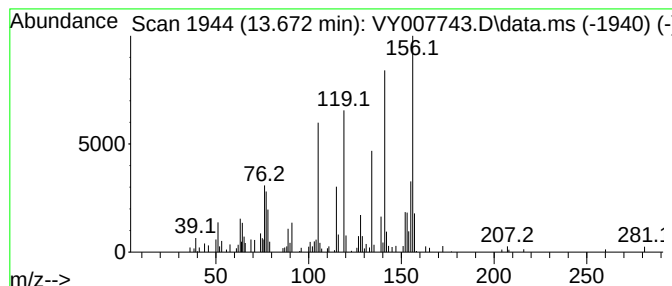
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.672	5.56 ug/l	164237	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	94
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86



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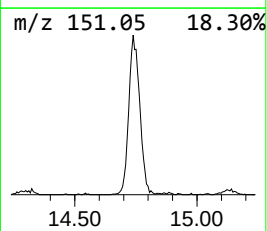
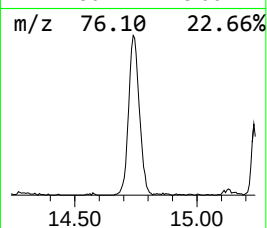
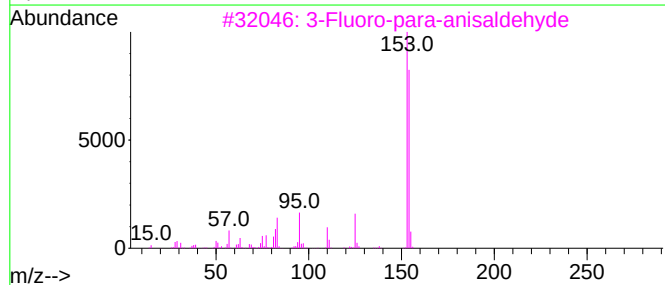
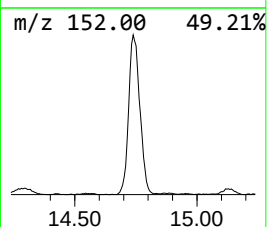
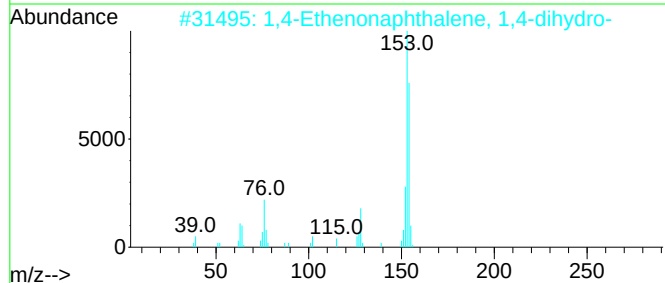
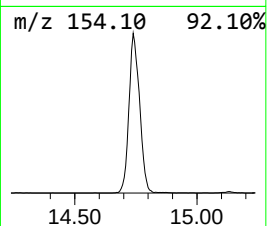
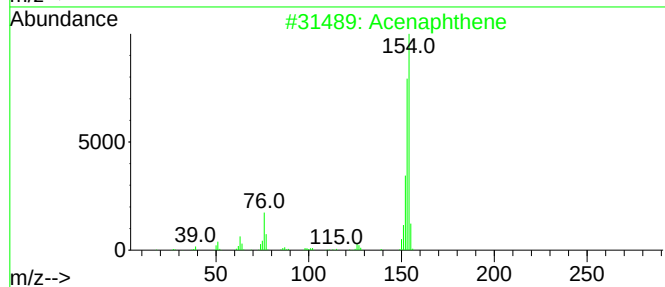
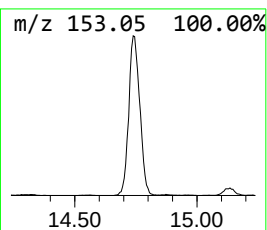
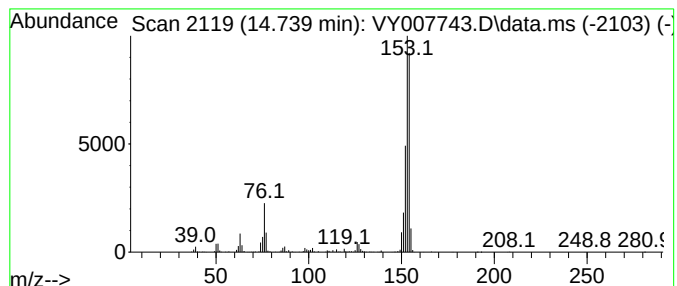
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

Peak Number 5 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	49.59 ug/l	1464480	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
3			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
4			Biphenyl	154	C12H10	000092-52-4	49
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007743.D
Acq On : 04 Mar 2022 15:43
Operator : SY/MD
Sample : N1785-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

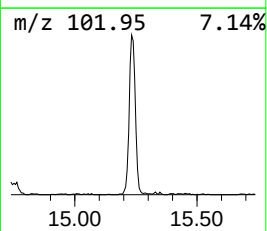
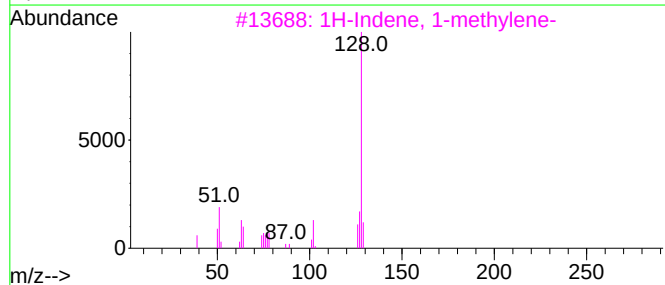
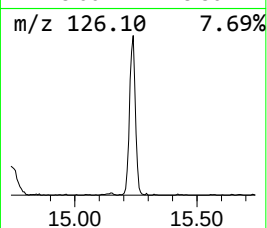
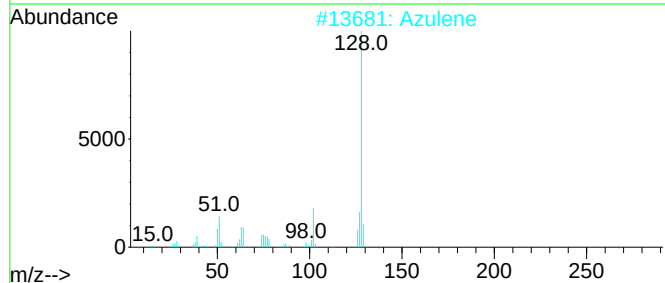
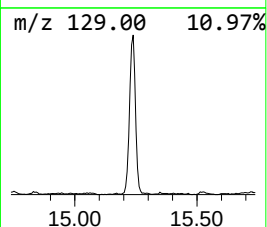
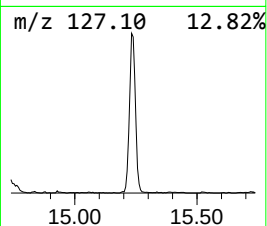
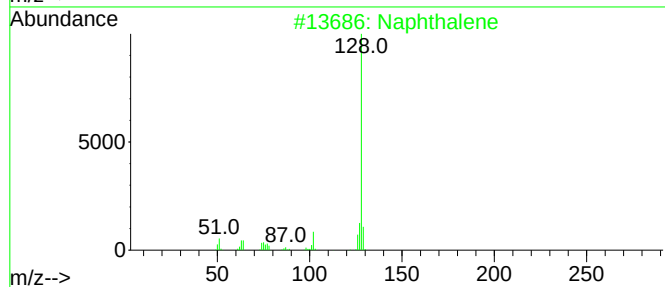
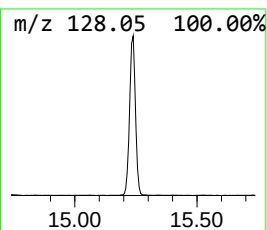
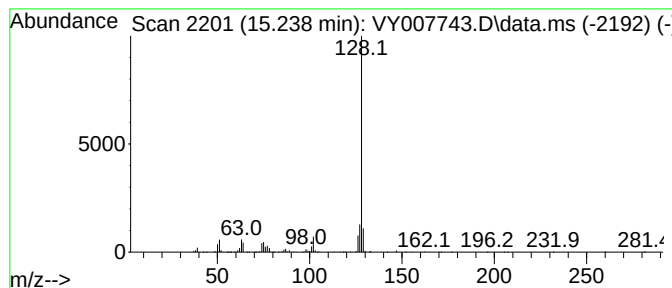
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Quant Title : SW846 8260

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

Peak Number 6 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	43.97 ug/l	1298470	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			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5			m-Fluorothiophenol	128	C6H5FS	002557-77-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007743.D
Acq On : 04 Mar 2022 15:43
Operator : SY/MD
Sample : N1785-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

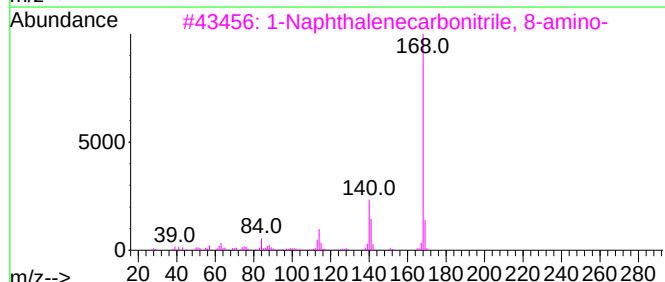
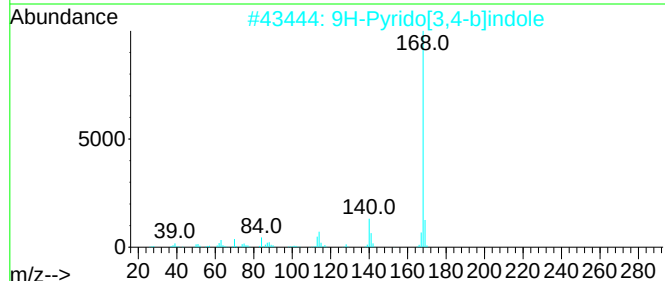
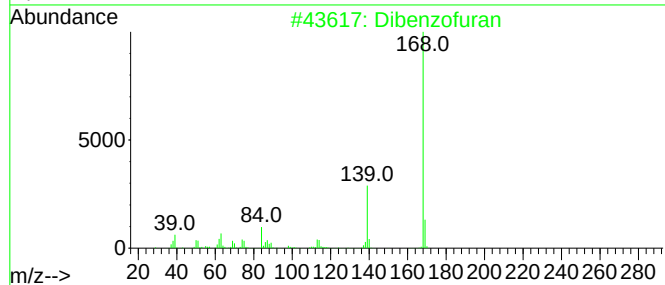
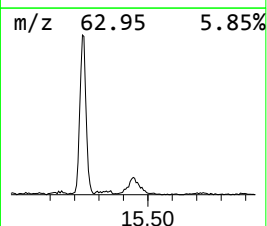
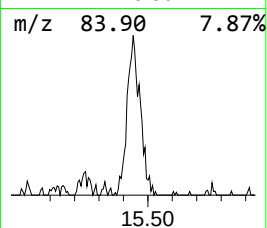
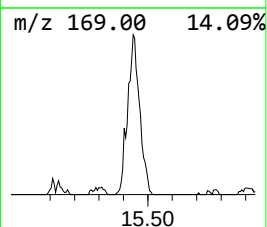
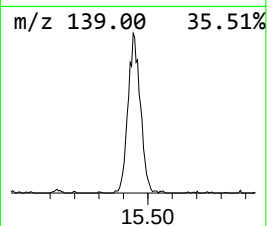
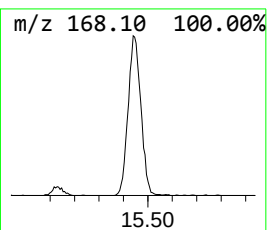
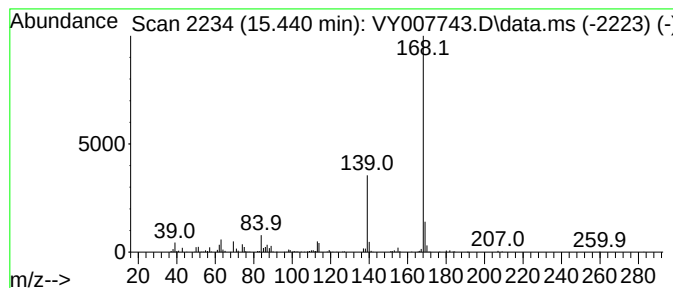
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Quant Title : SW846 8260

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

Peak Number 7 9H-Pyrido[3,4-b]indole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.440	13.54 ug/l	399911	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	91
2			9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
3			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59
4			Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	53
5			1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007743.D
Acq On : 04 Mar 2022 15:43
Operator : SY/MD
Sample : N1785-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

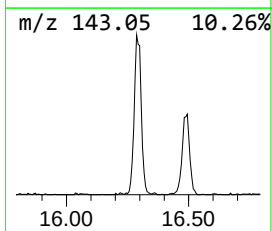
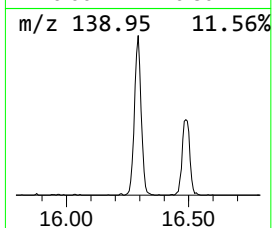
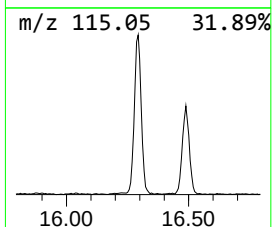
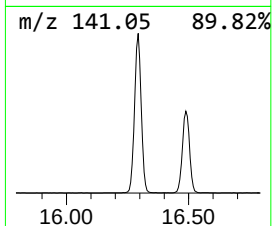
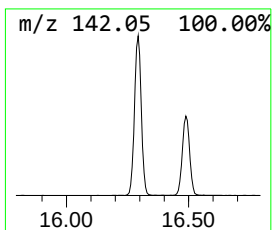
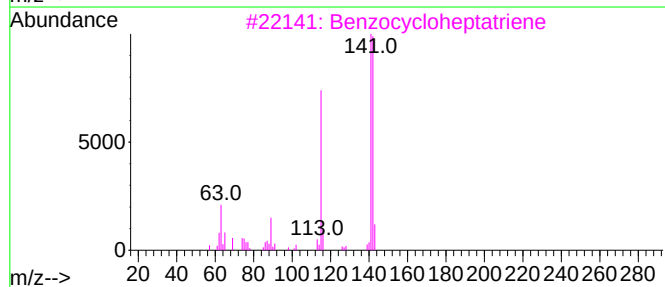
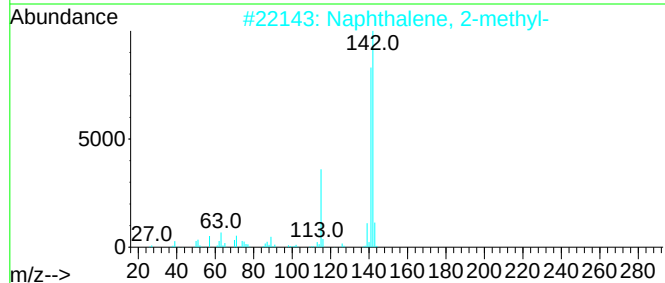
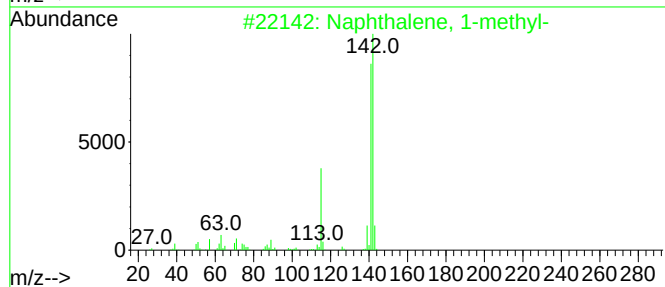
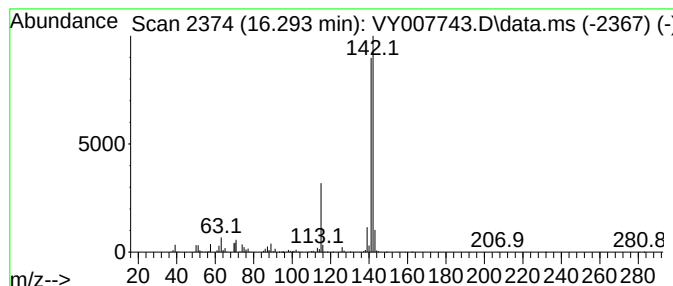
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Quant Title : SW846 8260

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

Peak Number 8 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	44.66 ug/l	1318690	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	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007743.D
Acq On : 04 Mar 2022 15:43
Operator : SY/MD
Sample : N1785-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

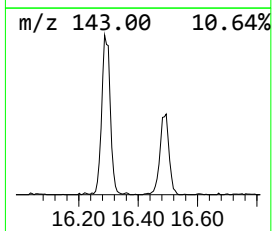
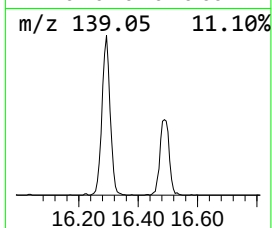
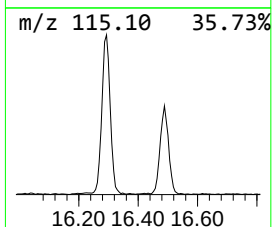
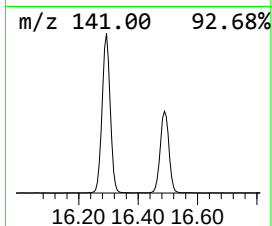
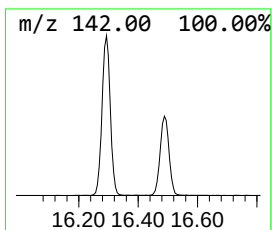
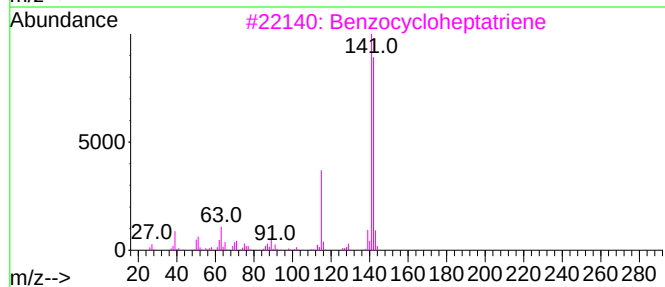
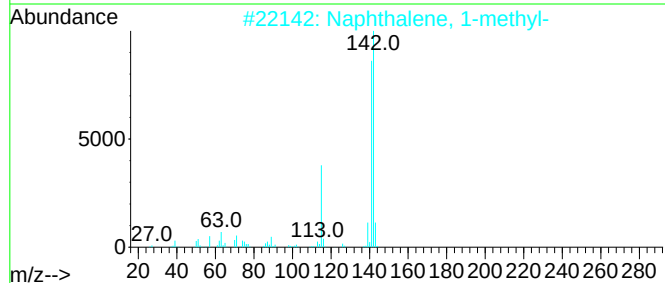
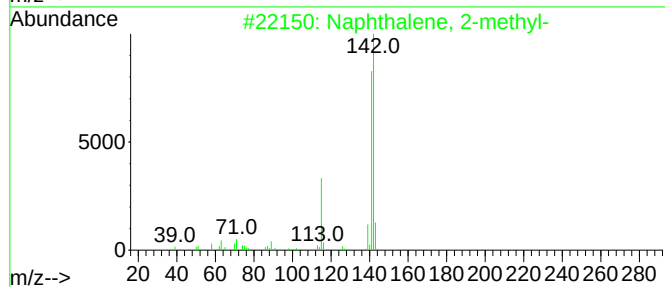
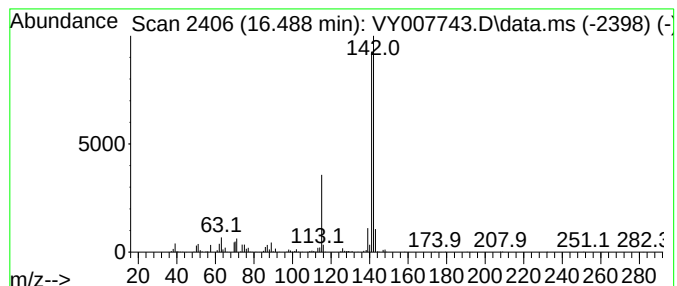
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.488	24.89 ug/l	734894	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		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\VY030422\
Data File : VY007743.D
Acq On : 04 Mar 2022 15:43
Operator : SY/MD
Sample : N1785-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-4-030322

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.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, 1-...	11.916	28.2	ug/l	915171	3	11.489	1622290	50.0
Naphthalene, 1,...	12.971	53.8	ug/l	1588430	4	13.428	1476530	50.0
Naphthalene, 1,...	13.117	26.4	ug/l	778715	4	13.428	1476530	50.0
Naphthalene, 2,...	13.672	5.6	ug/l	164237	4	13.428	1476530	50.0
1,4-Ethenonapht...	14.739	49.6	ug/l	1464480	4	13.428	1476530	50.0
Azulene	15.239	44.0	ug/l	1298470	4	13.428	1476530	50.0
9H-Pyrido[3,4-b...	15.440	13.5	ug/l	399911	4	13.428	1476530	50.0
Benzocyclohepta...	16.293	44.7	ug/l	1318690	4	13.428	1476530	50.0
1,4-Methanonaph...	16.488	24.9	ug/l	734894	4	13.428	1476530	50.0