

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021096.D
 Acq On : 05 Feb 2025 18:08
 Operator : SY/MD
 Sample : Q1285-01
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

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: VY021096.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.890	838	848	857	rBV	14691	46244	1.33%	0.199%
2	7.634	961	970	976	rBV	206355	496884	14.30%	2.143%
3	7.713	976	983	994	rVB	350749	794847	22.87%	3.428%
4	8.067	1029	1041	1052	rBV2	177338	440459	12.68%	1.900%
5	8.616	1123	1131	1145	rVB	580877	1119758	32.22%	4.830%
6	10.109	1369	1376	1385	rBV	901529	1549782	44.60%	6.684%
7	10.512	1436	1442	1449	rBV	37123	70746	2.04%	0.305%
8	11.353	1540	1580	1586	rBV2	550837	3474901	100.00%	14.988%
9	11.420	1586	1591	1614	rVB	1128767	3003799	86.44%	12.956%
10	12.024	1666	1690	1691	rBV2	141431	534082	15.37%	2.304%
11	12.072	1692	1698	1699	rBV2	75959	127893	3.68%	0.552%
12	12.408	1738	1753	1767	rBV	706682	1403453	40.39%	6.053%
13	12.645	1777	1792	1810	rBV3	390656	2238652	64.42%	9.656%
14	12.810	1811	1819	1838	rVB2	219932	884231	25.45%	3.814%
15	13.353	1894	1908	1914	rBV	785532	1417967	40.81%	6.116%
16	13.444	1915	1923	1934	rVV2	127887	498189	14.34%	2.149%
17	13.554	1936	1941	1956	rVB2	76061	209847	6.04%	0.905%
18	13.828	1976	1986	1994	rBV2	71700	266152	7.66%	1.148%
19	14.096	2017	2030	2032	rBV3	103381	303043	8.72%	1.307%
20	14.371	2069	2075	2085	rVB5	22116	63913	1.84%	0.276%
21	14.566	2096	2107	2119	rVB	478237	1746284	50.25%	7.532%
22	14.669	2119	2124	2129	rBV3	28444	55352	1.59%	0.239%
23	14.755	2134	2138	2149	rVB3	38909	78324	2.25%	0.338%
24	15.145	2193	2202	2210	rVV	559591	941598	27.10%	4.061%
25	15.230	2211	2216	2225	rVB4	19802	48357	1.39%	0.209%
26	16.181	2365	2372	2389	rVB	363836	693331	19.95%	2.990%
27	16.376	2396	2404	2424	rVB	273265	581086	16.72%	2.506%
28	16.718	2449	2460	2471	rBV3	27177	95651	2.75%	0.413%

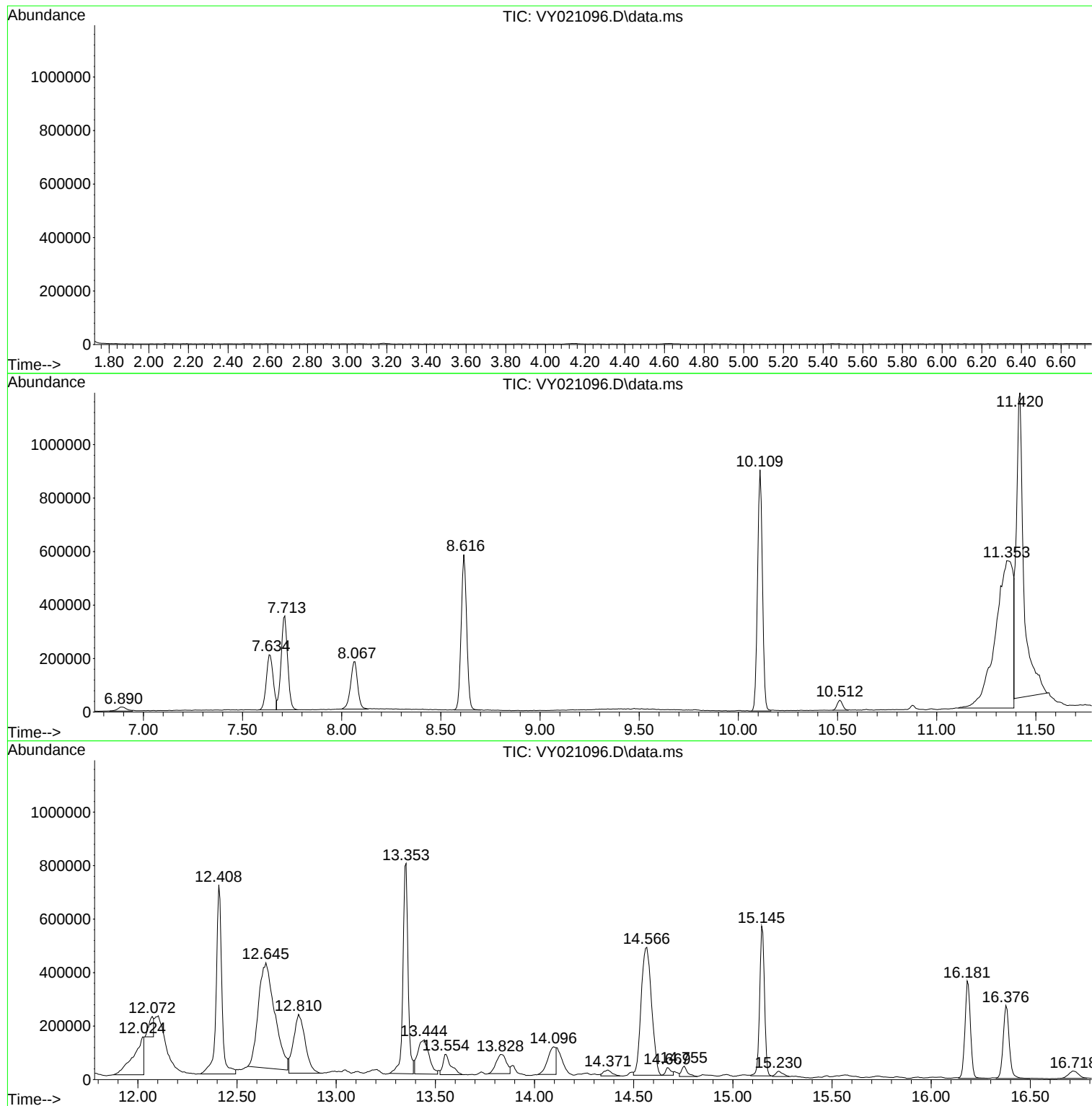
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

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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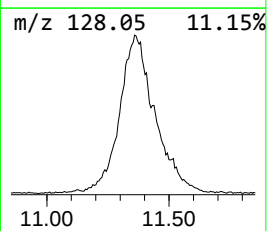
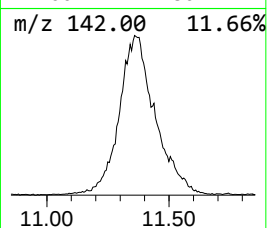
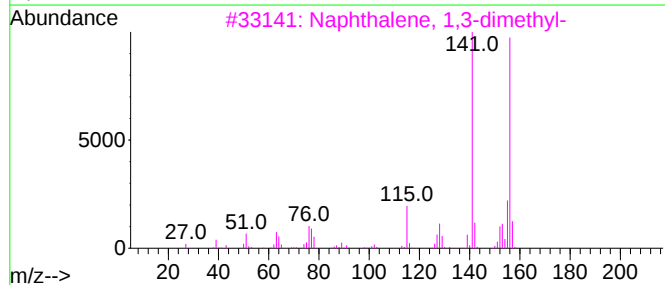
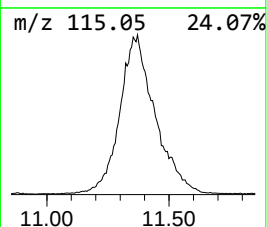
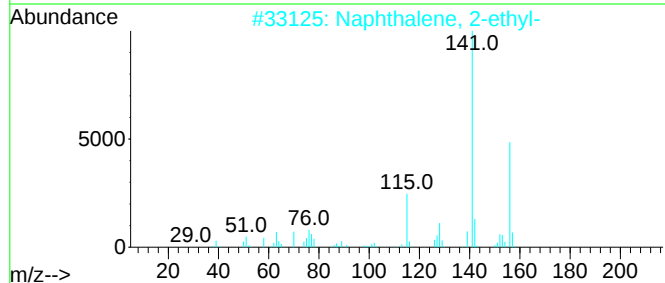
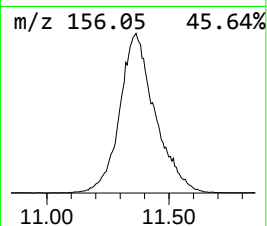
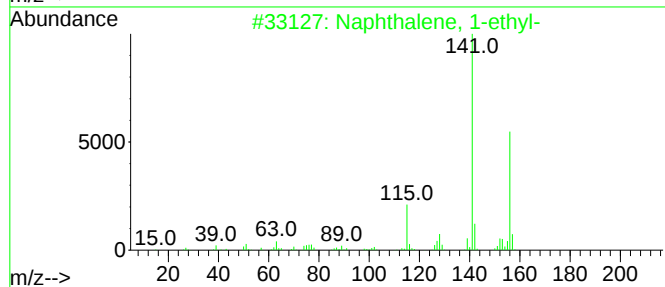
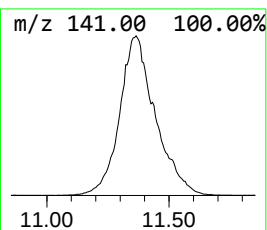
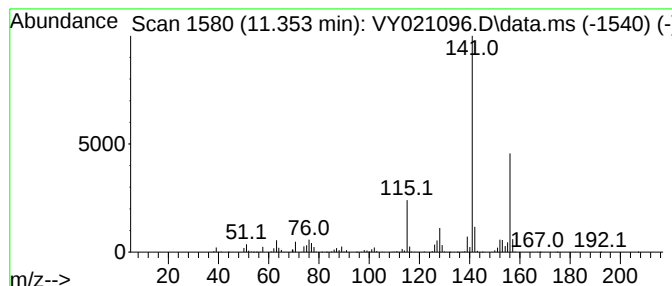
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Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.353	57.84 ug/l	3474900	Chlorobenzene-d5	11.420

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	62
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



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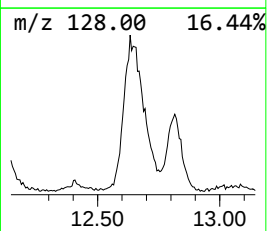
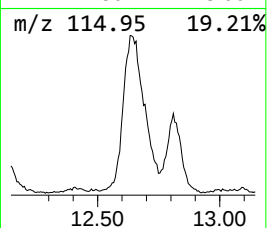
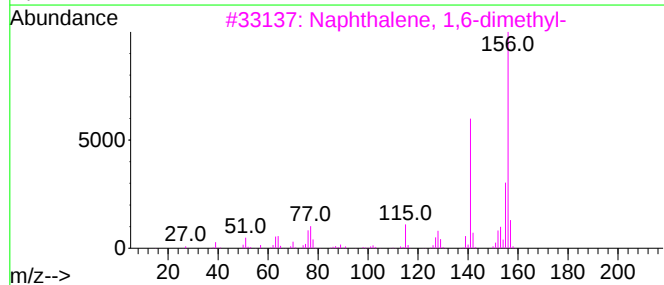
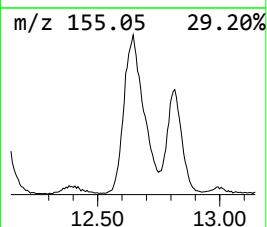
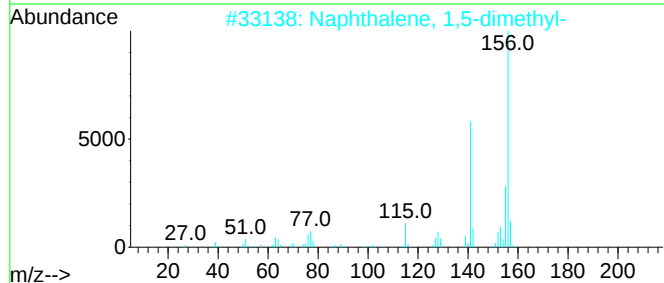
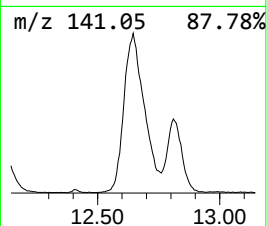
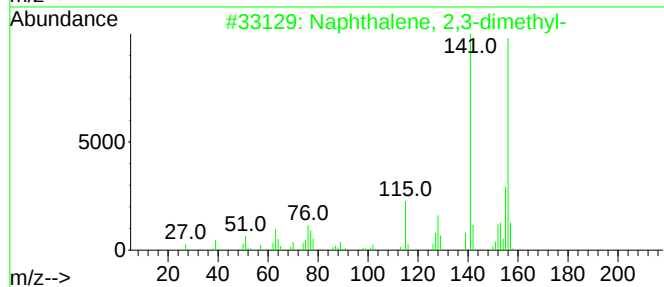
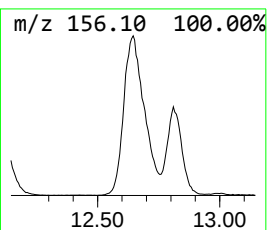
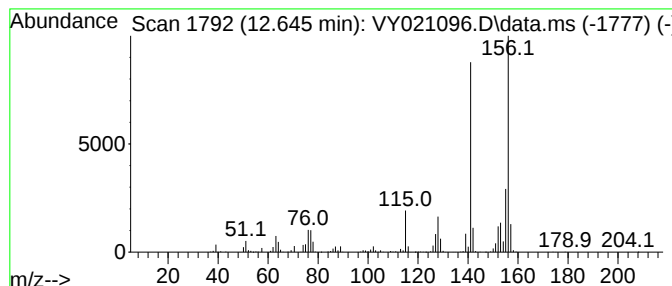
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	78.94 ug/l	2238650	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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ALS Vial : 24 Sample Multiplier: 1

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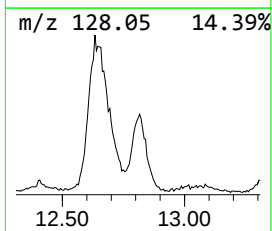
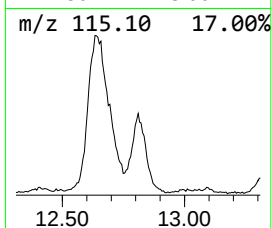
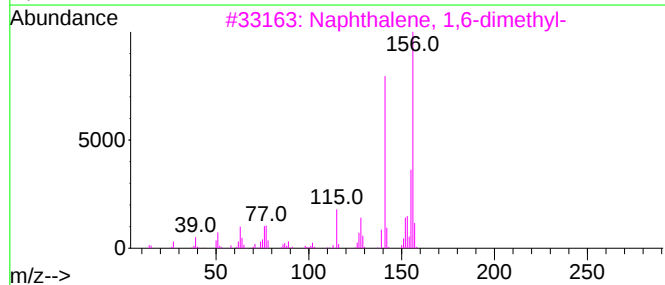
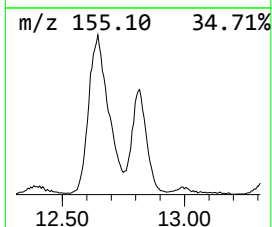
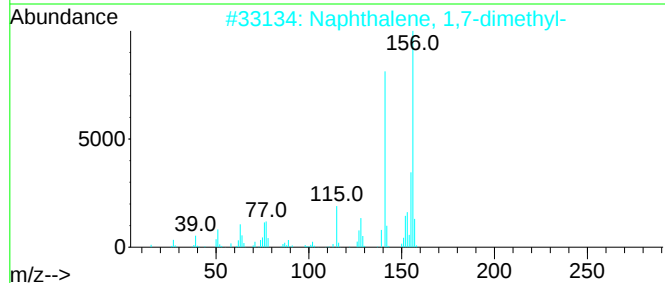
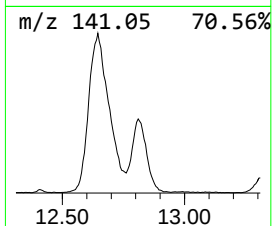
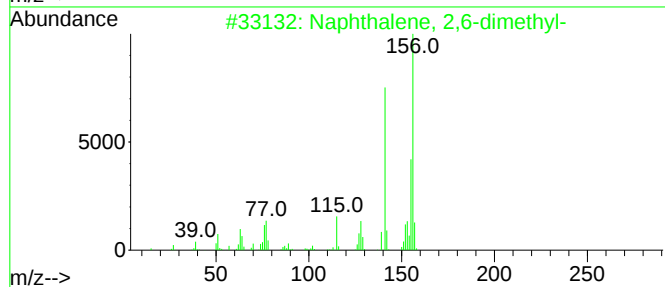
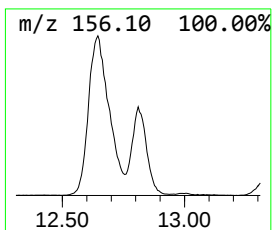
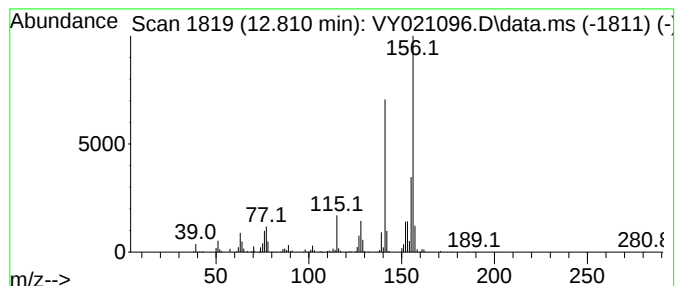
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	31.18 ug/l	884231	1,4-Dichlorobenzene-d4	13.353

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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ALS Vial : 24 Sample Multiplier: 1

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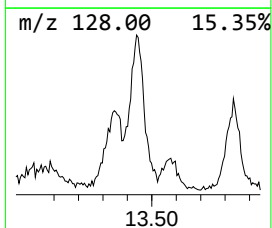
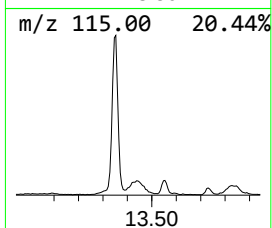
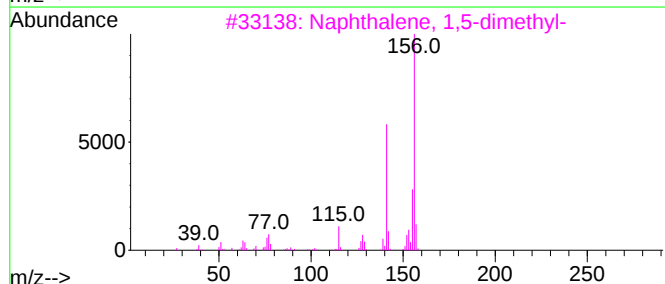
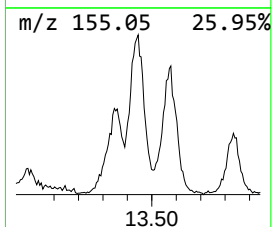
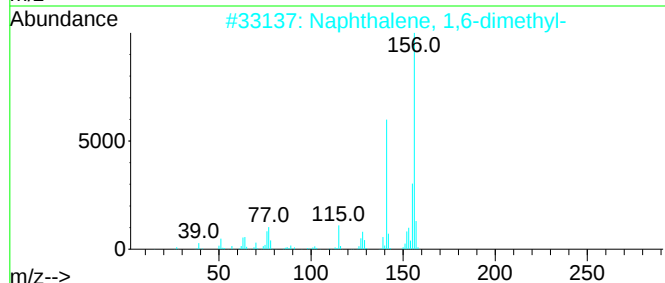
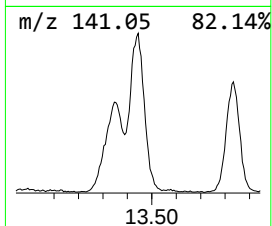
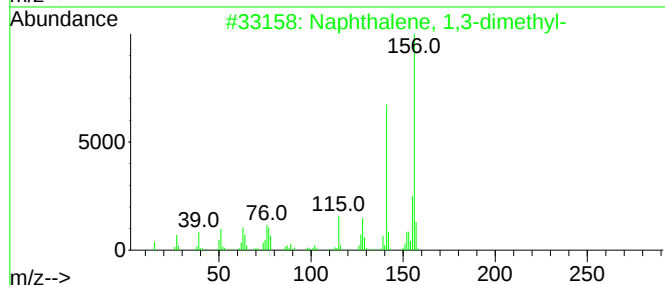
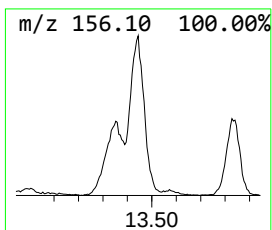
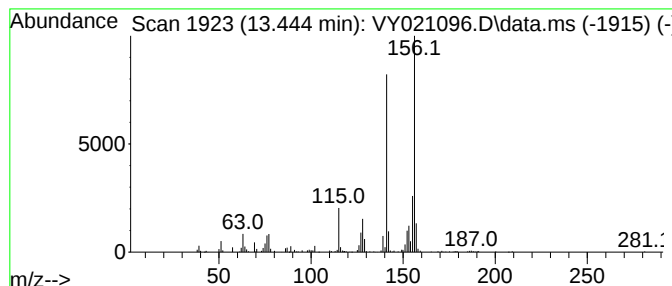
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	17.57 ug/l	498189	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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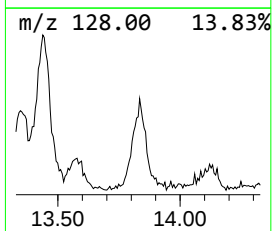
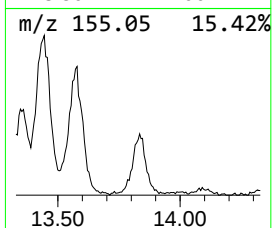
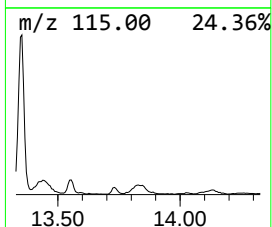
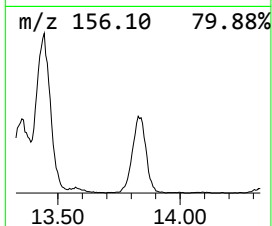
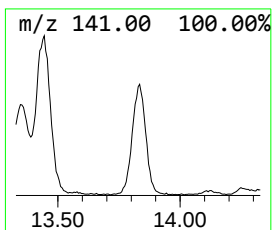
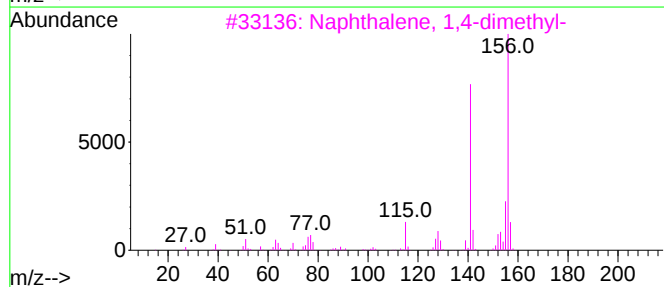
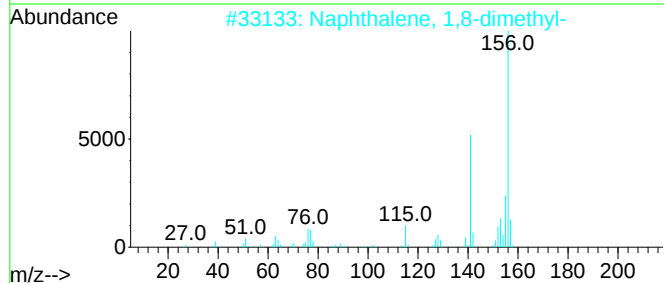
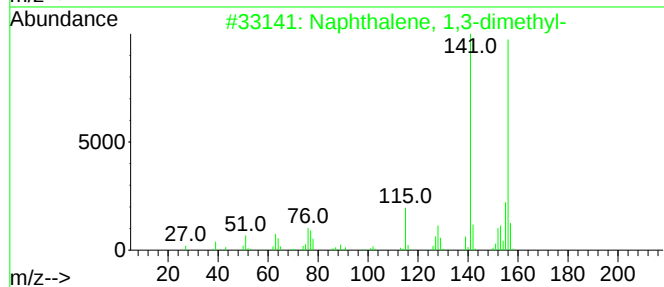
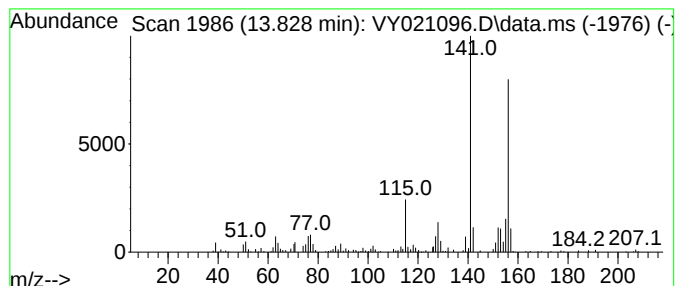
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	9.38 ug/l	266152	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



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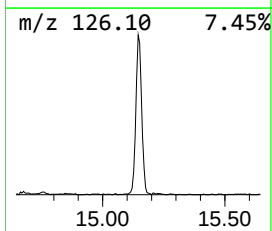
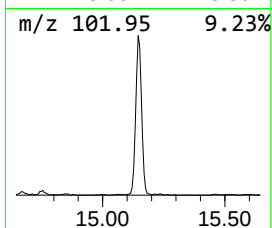
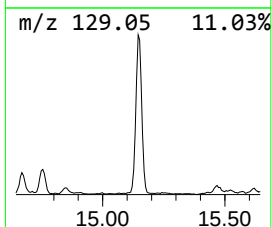
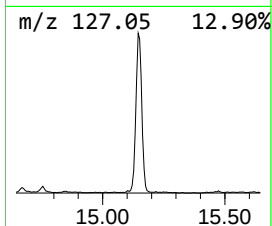
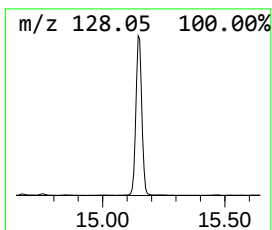
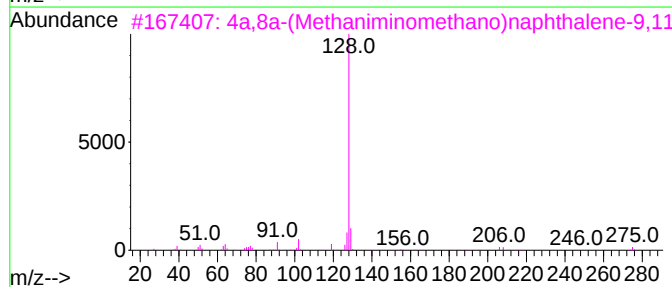
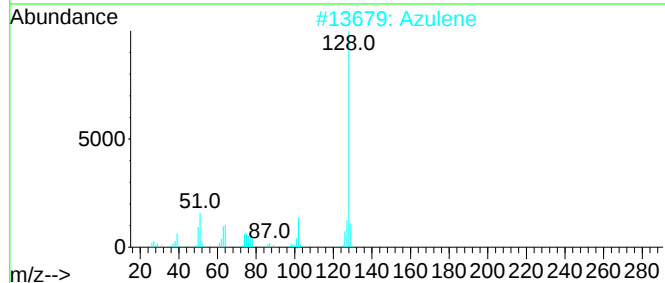
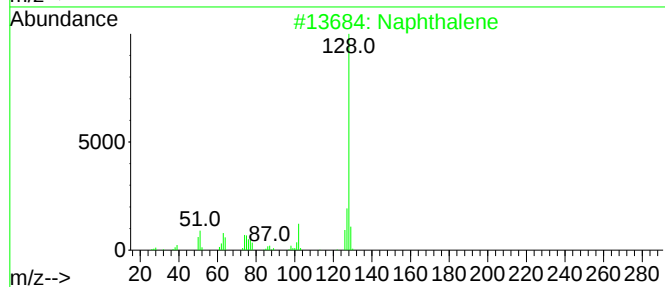
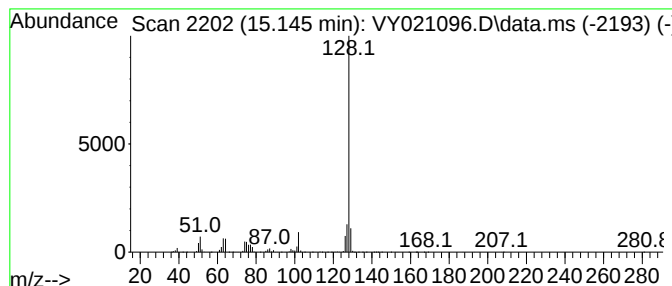
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Quant Title : SW846 8260

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

Peak Number 8 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	33.20 ug/l	941598	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Azulene	128	C10H8	000275-51-4	91
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	64
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	53
5			4-Phenylbut-3-ene-1-yne	128	C10H8	100022-12-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021096.D
Acq On : 05 Feb 2025 18:08
Operator : SY/MD
Sample : Q1285-01
Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

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
Naphthalene, 1-...	11.353	57.8	ug/l	3474900	3	11.420	3003800	50.0
Naphthalene, 2,...	12.645	78.9	ug/l	2238650	4	13.353	1417970	50.0
Naphthalene, 2,...	12.810	31.2	ug/l	884231	4	13.353	1417970	50.0
Naphthalene, 1,...	13.444	17.6	ug/l	498189	4	13.353	1417970	50.0
Naphthalene, 1,...	13.828	9.4	ug/l	266152	4	13.353	1417970	50.0
Azulene	15.145	33.2	ug/l	941598	4	13.353	1417970	50.0