

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021119.D
 Acq On : 06 Feb 2025 18:18
 Operator : SY/MD
 Sample : Q1309-03
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

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: VY021119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.896	839	849	858	rBV	9814	31832	1.40%	0.184%
2	7.640	962	971	977	rBV	114691	276529	12.16%	1.603%
3	7.713	977	983	994	rVB	199354	453347	19.93%	2.627%
4	8.067	1030	1041	1050	rBV2	107118	266998	11.74%	1.547%
5	8.616	1123	1131	1141	rBV	314031	619829	27.25%	3.592%
6	10.109	1368	1376	1388	rBV	492945	835035	36.71%	4.839%
7	10.512	1436	1442	1448	rBV2	14960	26857	1.18%	0.156%
8	11.371	1545	1583	1586	rBV2	379817	2274630	100.00%	13.182%
9	11.420	1586	1591	1624	rVB2	673680	2212831	97.28%	12.824%
10	12.060	1660	1696	1697	rBV2	147223	715022	31.43%	4.144%
11	12.408	1738	1753	1770	rBV3	385777	830148	36.50%	4.811%
12	12.651	1774	1793	1810	rVV3	305576	1964243	86.35%	11.383%
13	12.810	1811	1819	1839	rVB2	174080	713781	31.38%	4.136%
14	13.353	1893	1908	1914	rBV	428763	827571	36.38%	4.796%
15	13.432	1915	1921	1936	rVB4	99390	376244	16.54%	2.180%
16	13.554	1936	1941	1945	rBV2	48130	80934	3.56%	0.469%
17	13.834	1975	1987	2010	rVB3	73043	348547	15.32%	2.020%
18	14.109	2016	2032	2047	rBV3	109587	549893	24.18%	3.187%
19	14.365	2068	2074	2085	rVB5	27372	81881	3.60%	0.475%
20	14.566	2096	2107	2120	rVB	628850	2148050	94.44%	12.448%
21	14.676	2120	2125	2127	rBV2	22382	36523	1.61%	0.212%
22	14.755	2134	2138	2149	rVB5	29592	75785	3.33%	0.439%
23	15.151	2193	2203	2210	rVB	274302	483203	21.24%	2.800%
24	15.236	2210	2217	2227	rVB7	14079	44286	1.95%	0.257%
25	15.559	2260	2270	2277	rBV9	8934	33388	1.47%	0.193%
26	16.187	2364	2373	2385	rVB	240022	451651	19.86%	2.617%
27	16.376	2392	2404	2422	rVB	178708	401395	17.65%	2.326%
28	16.724	2446	2461	2471	rBV3	25003	95426	4.20%	0.553%

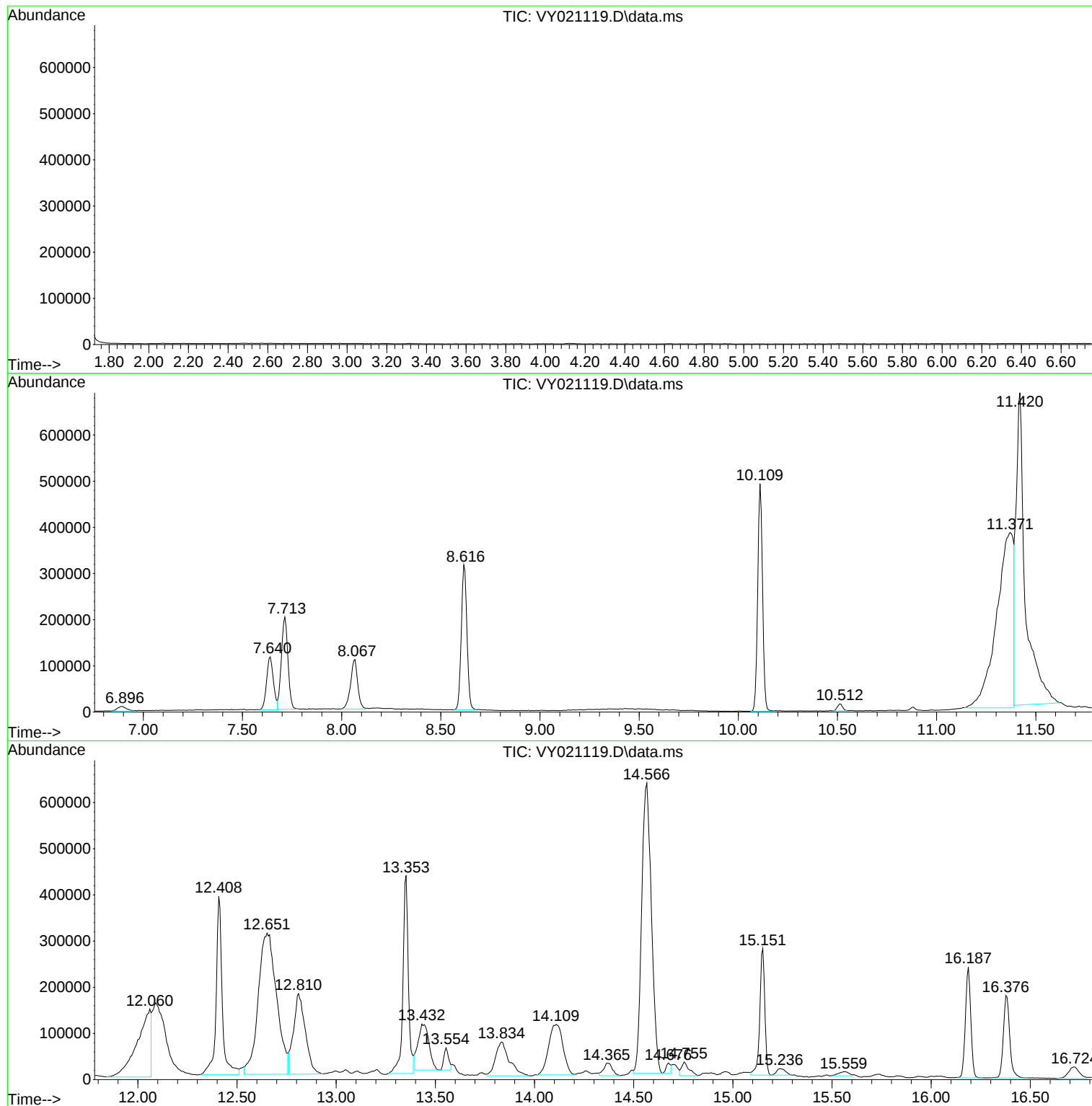
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

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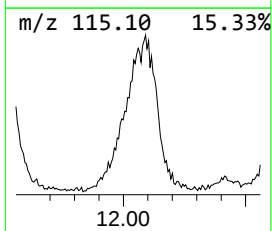
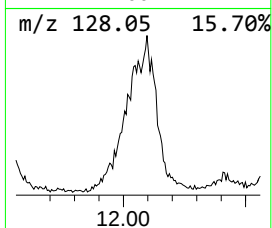
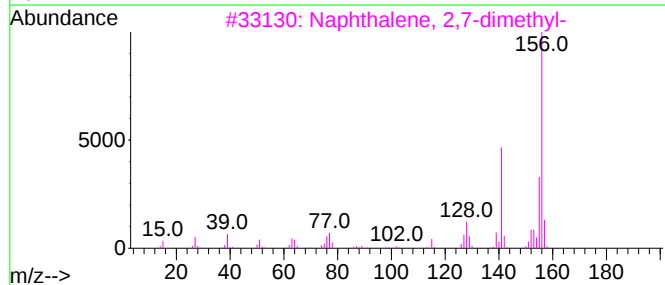
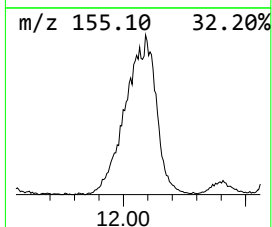
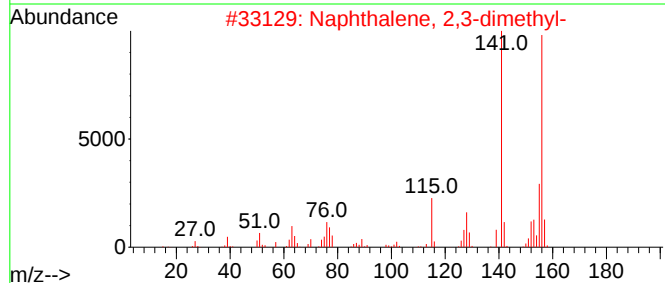
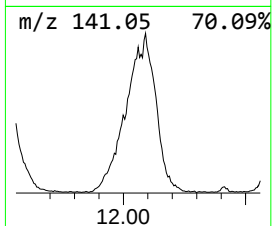
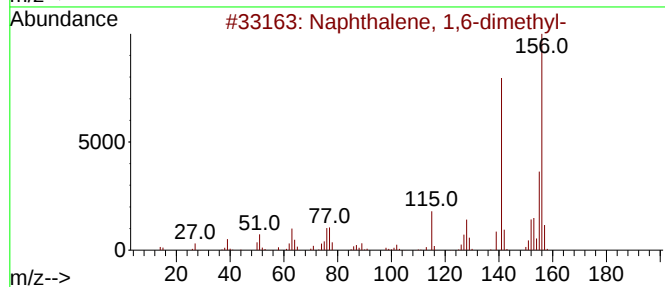
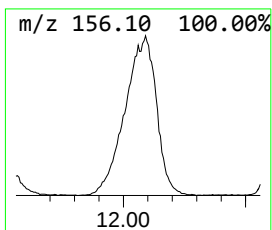
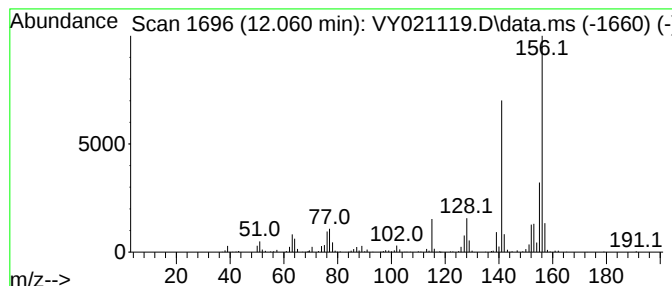
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	16.16 ug/l	715022	Chlorobenzene-d5	11.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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ClientSampleId :
WC-2-VOC

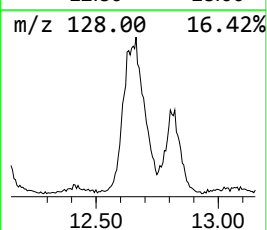
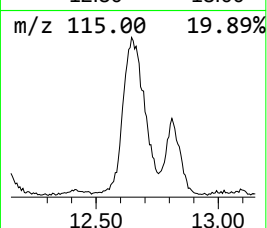
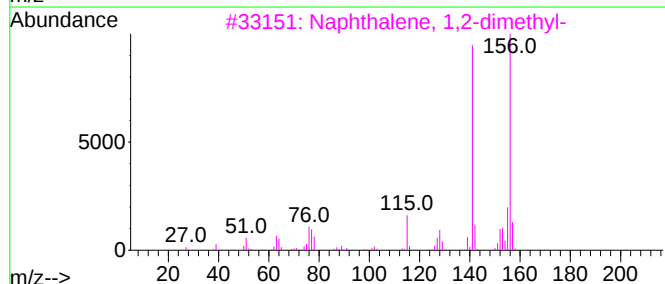
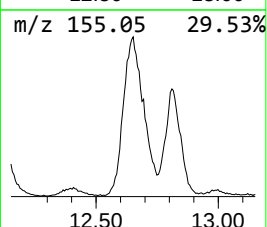
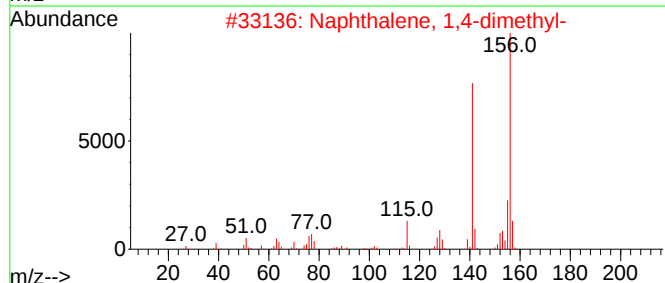
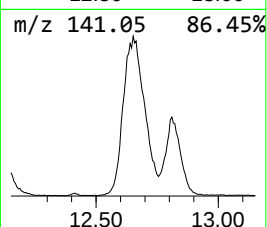
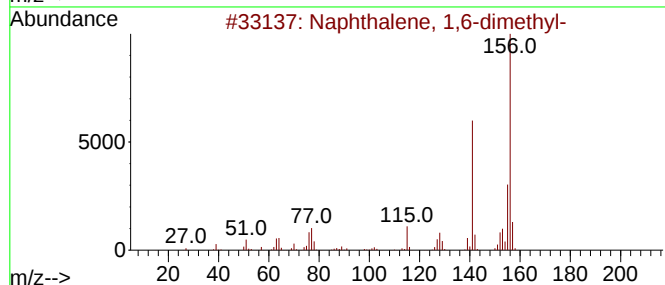
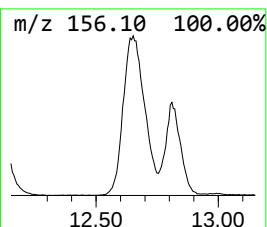
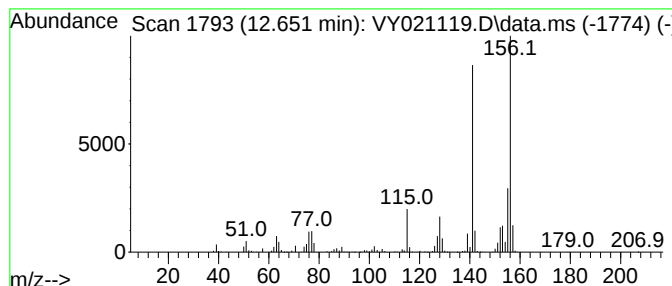
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.652	118.68 ug/l	1964240	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

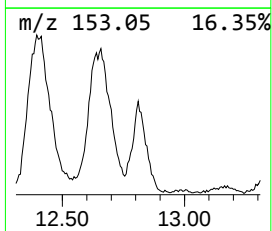
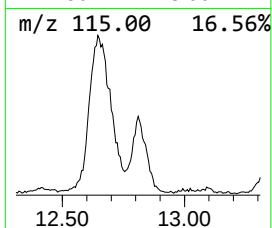
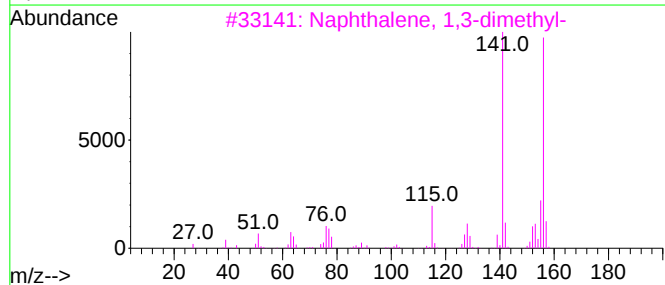
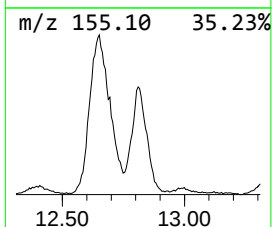
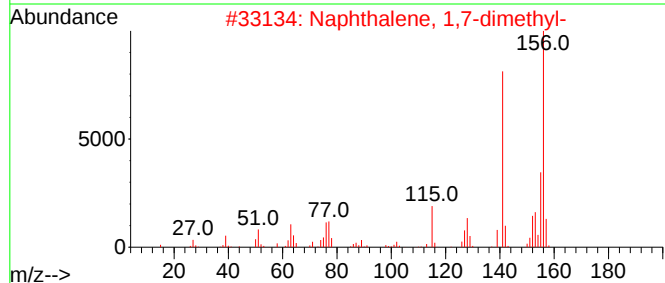
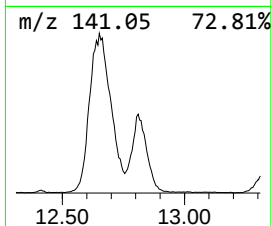
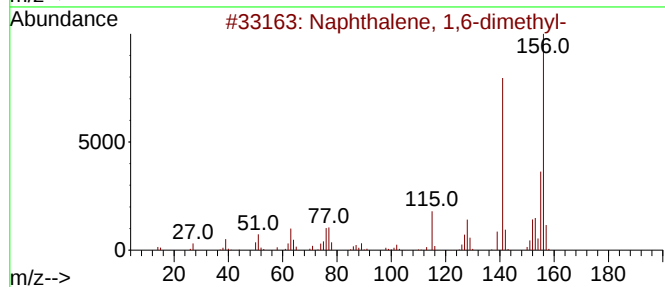
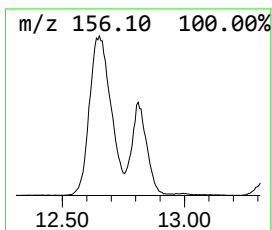
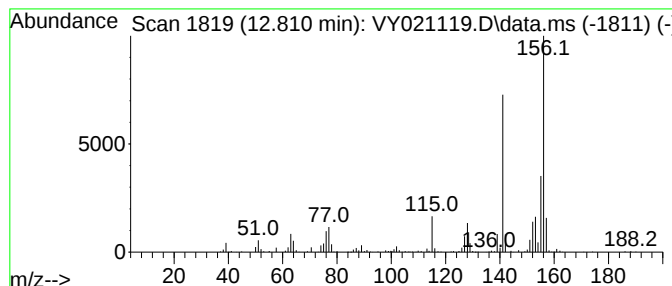
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	43.13 ug/l	713781	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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ALS Vial : 21 Sample Multiplier: 1

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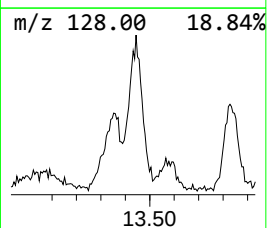
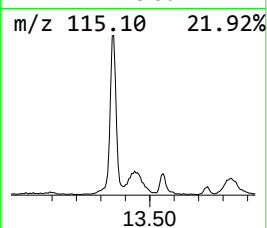
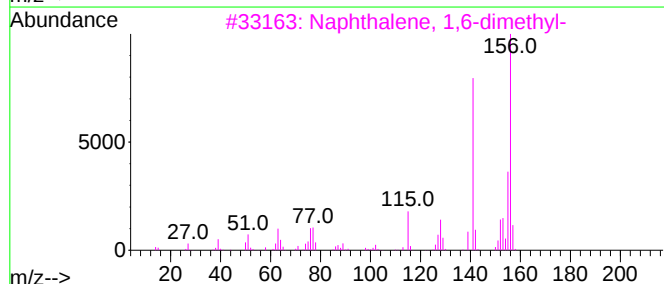
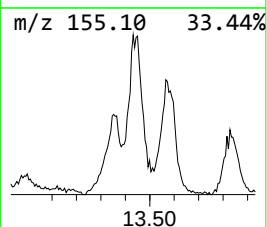
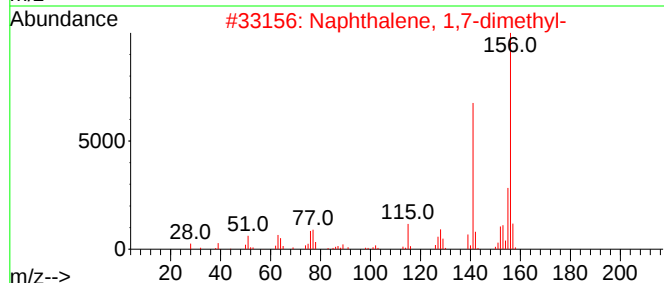
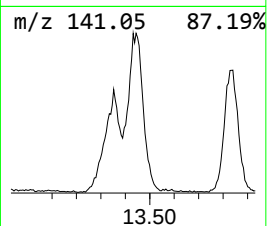
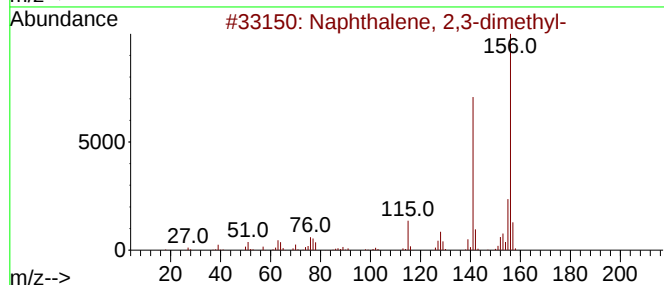
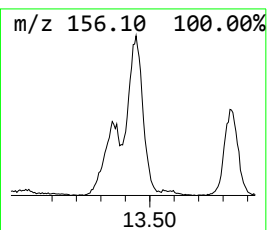
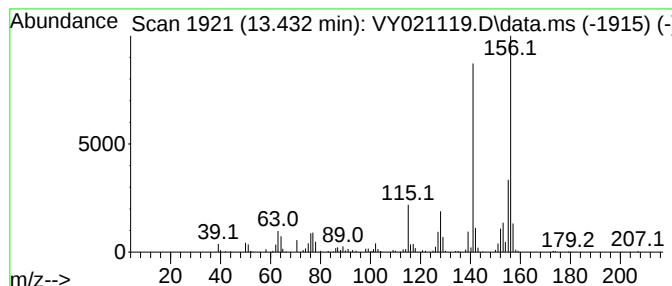
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	22.73 ug/l	376244	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	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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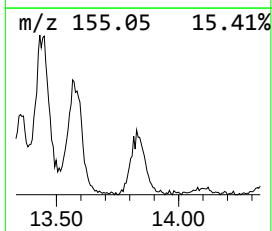
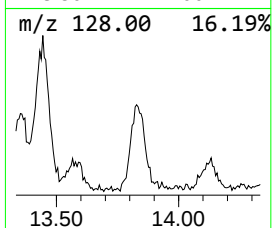
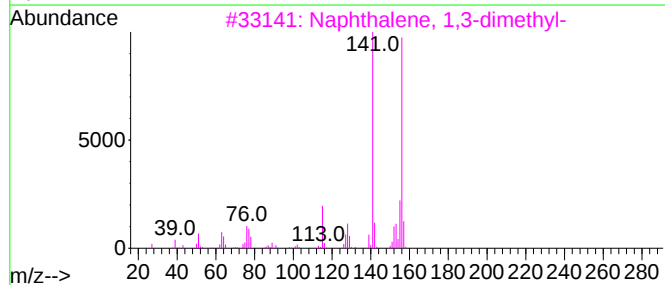
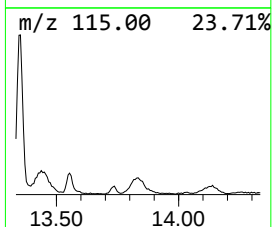
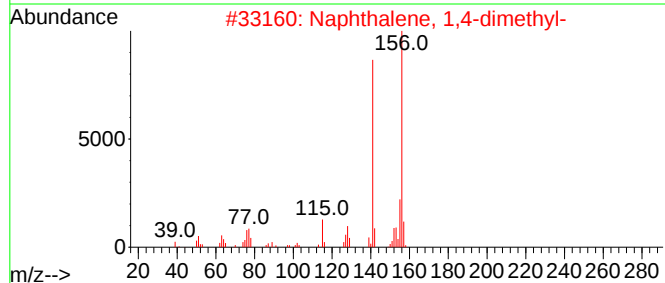
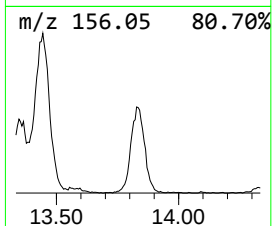
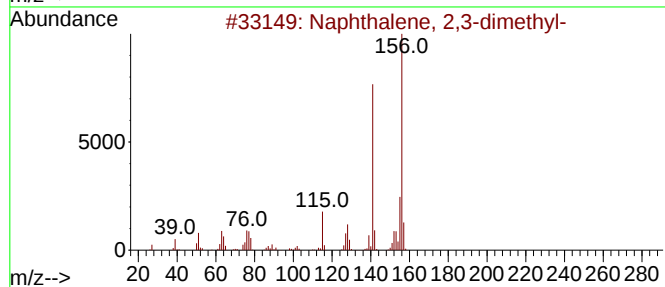
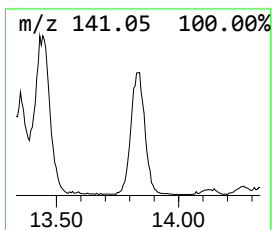
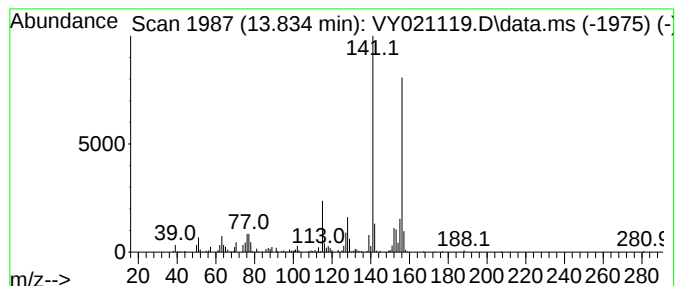
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	21.06 ug/l	348547	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	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94



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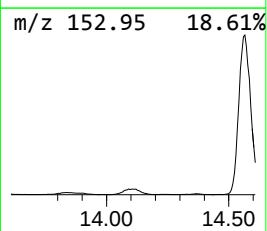
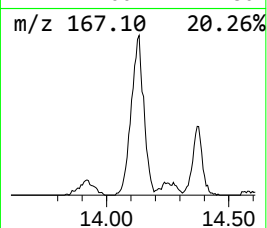
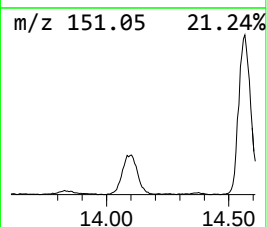
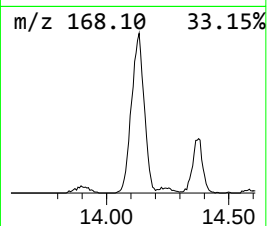
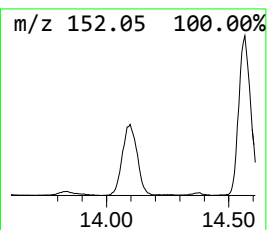
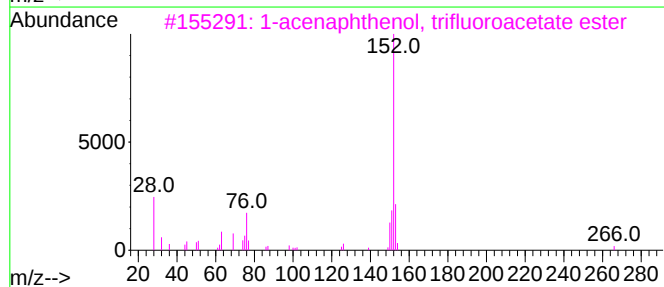
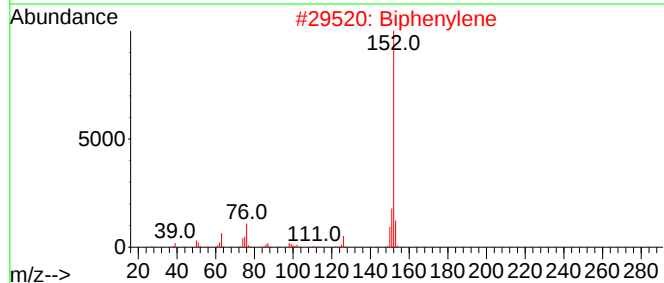
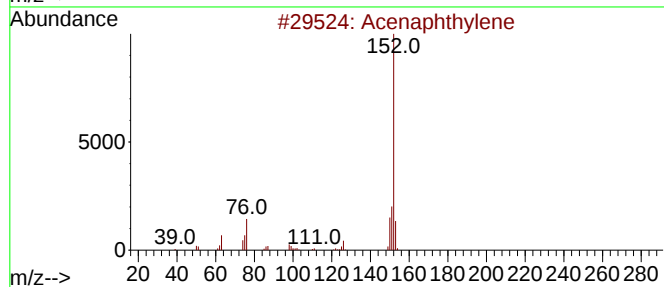
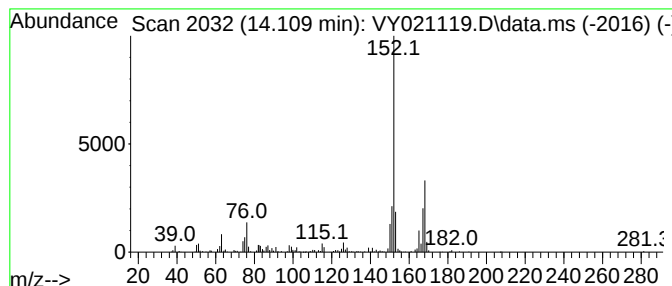
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Quant Title : SW846 8260

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

Peak Number 6 Acenaphthylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.108	33.22 ug/l	549893	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthylene	152	C12H8	000208-96-8	92
2			Biphenylene	152	C12H8	000259-79-0	64
3			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	58
4			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	53
5			2-(2,6-Difluorophenyl)propanenit...	167	C9H7F2N	149680-18-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021119.D
Acq On : 06 Feb 2025 18:18
Operator : SY/MD
Sample : Q1309-03
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

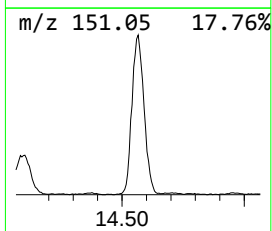
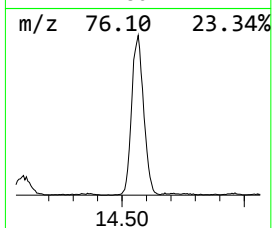
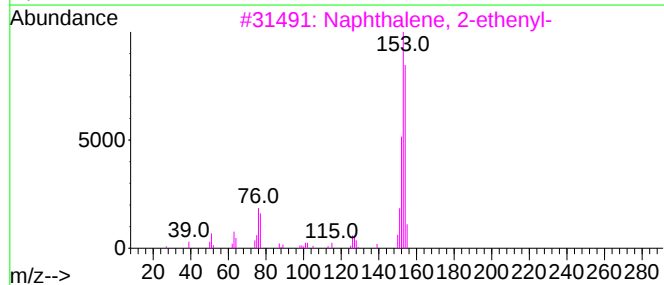
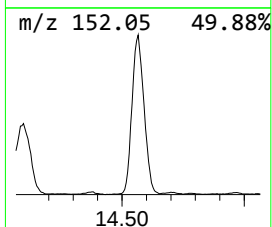
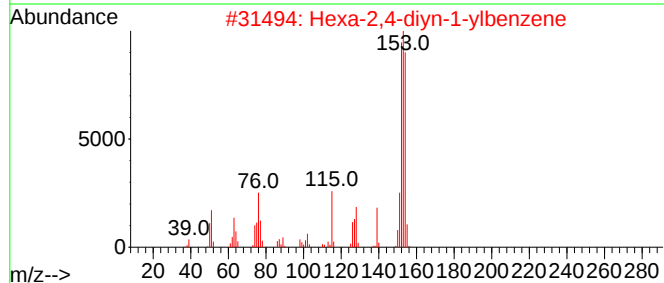
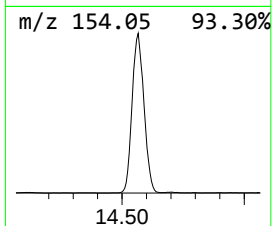
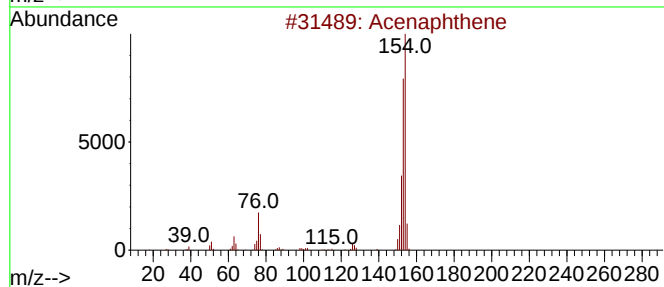
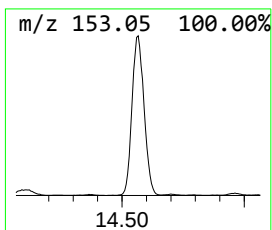
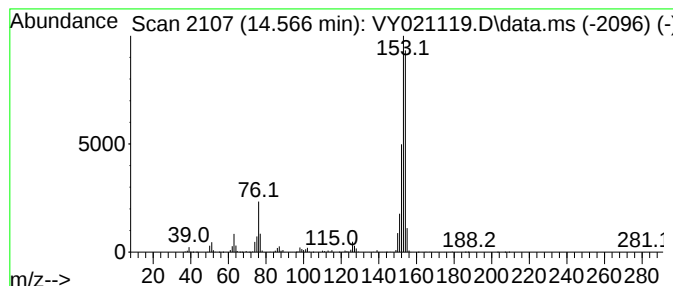
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Quant Title : SW846 8260

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

Peak Number 7 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.566	129.78 ug/l	2148050	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
4			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021119.D
Acq On : 06 Feb 2025 18:18
Operator : SY/MD
Sample : Q1309-03
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

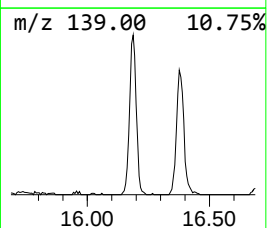
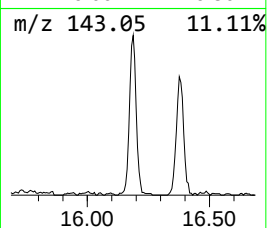
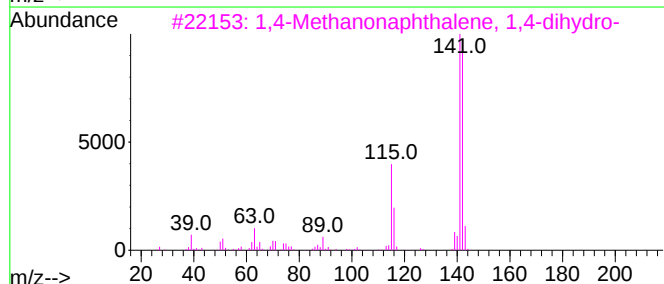
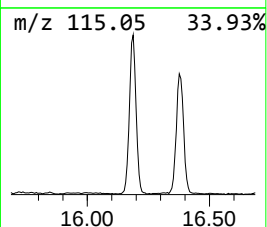
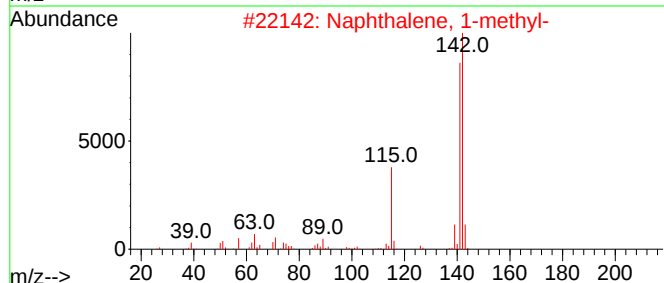
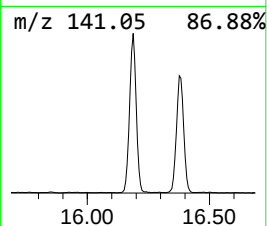
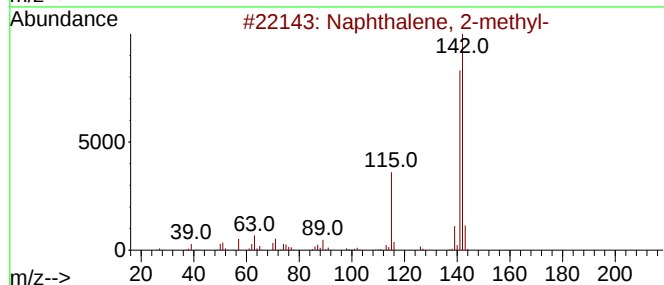
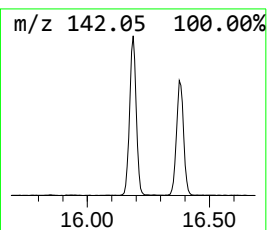
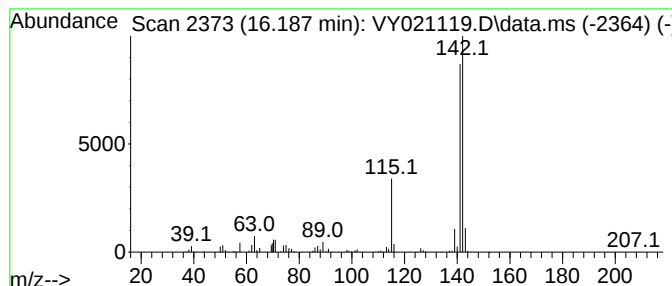
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.187	27.29 ug/l	451651	1,4-Dichlorobenzene-d4	13.353

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	90
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021119.D
Acq On : 06 Feb 2025 18:18
Operator : SY/MD
Sample : Q1309-03
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

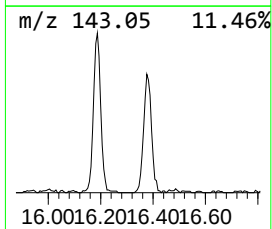
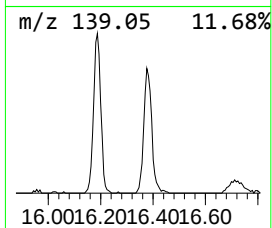
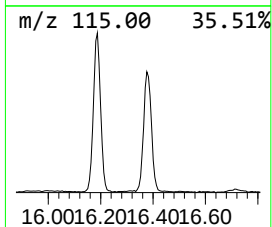
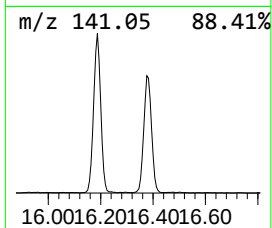
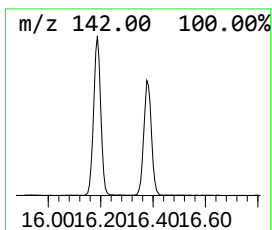
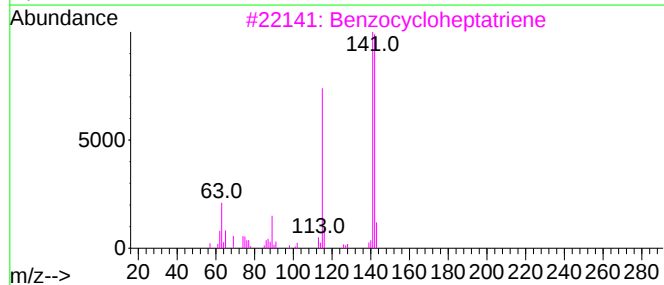
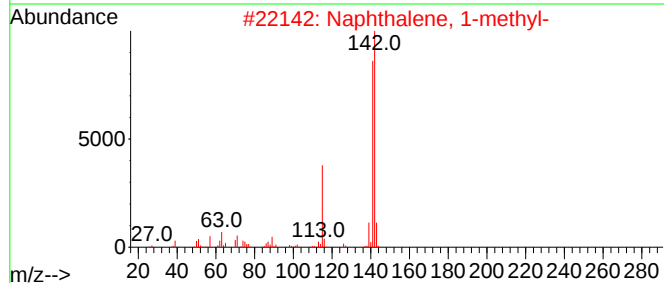
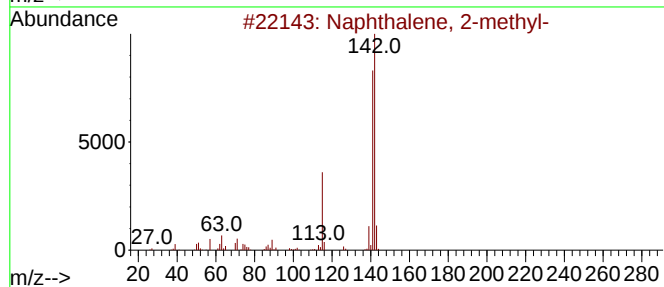
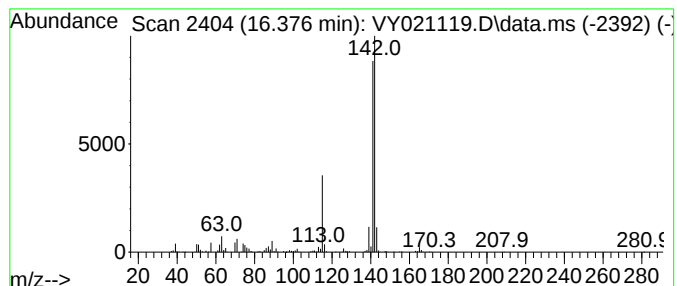
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.376	24.25 ug/l	401395	1,4-Dichlorobenzene-d4	13.353

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	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021119.D
Acq On : 06 Feb 2025 18:18
Operator : SY/MD
Sample : Q1309-03
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

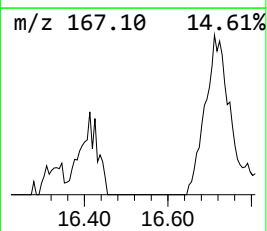
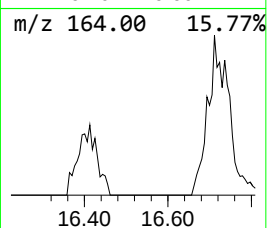
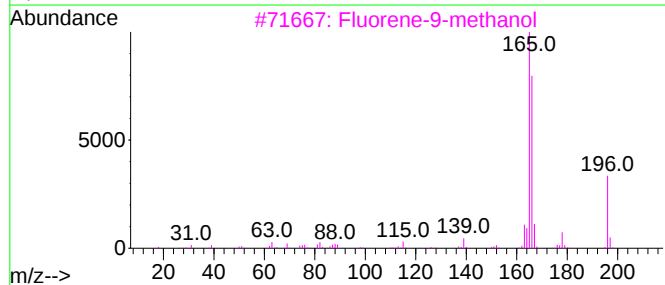
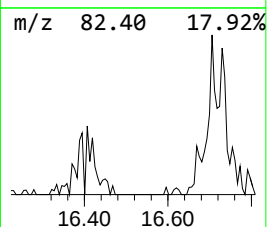
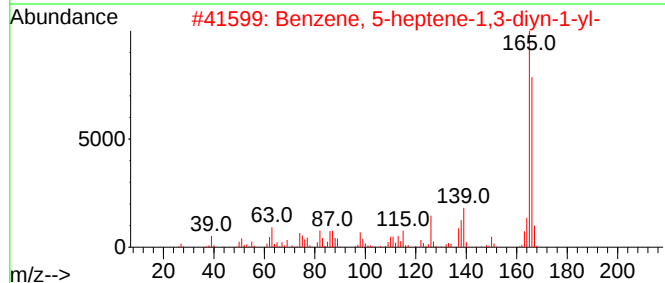
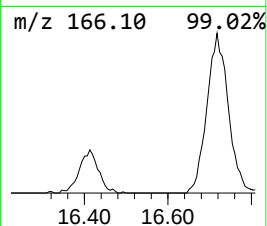
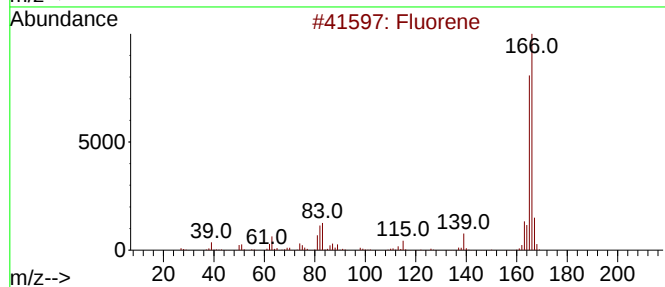
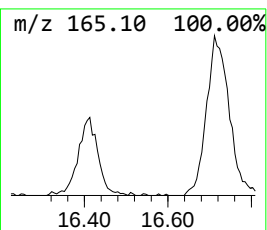
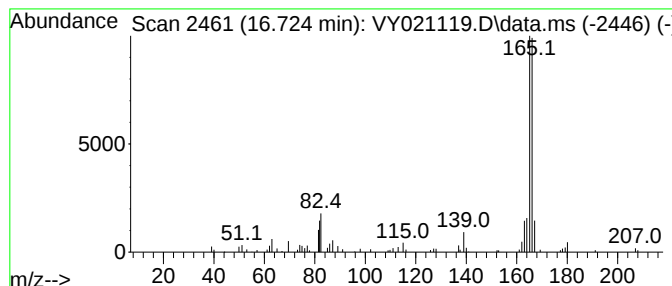
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260

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

Peak Number 10 Fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.724	5.77 ug/l	95426	1,4-Dichlorobenzene-d4	13.353

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene	166	C13H10	000086-73-7	90
2			Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	72
3			Fluorene-9-methanol	196	C14H12O	024324-17-2	72
4			N-.alpha.-Fmoc-L-leucine	353	C21H23NO4	035661-60-0	56
5			Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021119.D
Acq On : 06 Feb 2025 18:18
Operator : SY/MD
Sample : Q1309-03
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

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,...	12.060	16.2	ug/l	715022	3	11.420	2212830	50.0
Naphthalene, 1,...	12.652	118.7	ug/l	1964240	4	13.353	827571	50.0
Naphthalene, 1,...	12.810	43.1	ug/l	713781	4	13.353	827571	50.0
Naphthalene, 2,...	13.432	22.7	ug/l	376244	4	13.353	827571	50.0
Naphthalene, 1,...	13.834	21.1	ug/l	348547	4	13.353	827571	50.0
Acenaphthylene	14.108	33.2	ug/l	549893	4	13.353	827571	50.0
Acenaphthene	14.566	129.8	ug/l	2148050	4	13.353	827571	50.0
Naphthalene, 2-...	16.187	27.3	ug/l	451651	4	13.353	827571	50.0
Naphthalene, 1-...	16.376	24.3	ug/l	401395	4	13.353	827571	50.0
Fluorene	16.724	5.8	ug/l	95426	4	13.353	827571	50.0