

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019891.D
 Acq On : 14 Oct 2024 14:55
 Operator : SY/MD
 Sample : P4376-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-100924RE

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\82Y100924S.M

Title : SW846 8260

Signal : TIC: VY019891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	962	970	976	rBV2	49503	115447	4.51%	1.088%
2	7.707	976	982	993	rVB	86344	199620	7.80%	1.882%
3	8.061	1031	1040	1052	rBV	46793	111956	4.37%	1.056%
4	8.616	1123	1131	1143	rBV	141061	279689	10.92%	2.637%
5	10.109	1369	1376	1384	rBV	199513	355192	13.87%	3.349%
6	11.322	1564	1575	1576	rBV5	50642	154428	6.03%	1.456%
7	11.414	1585	1590	1597	rVB	178225	300340	11.73%	2.832%
8	11.932	1662	1675	1676	rBV6	39519	116569	4.55%	1.099%
9	12.402	1747	1752	1761	rBV	114484	200472	7.83%	1.890%
10	12.603	1772	1785	1805	rBV2	453252	2558997	99.95%	24.127%
11	12.780	1807	1814	1830	rVB3	163599	655281	25.59%	6.178%
12	13.158	1869	1876	1886	rVB9	29646	101055	3.95%	0.953%
13	13.346	1893	1907	1911	rBV2	168801	513021	20.04%	4.837%
14	13.414	1911	1918	1931	rVV4	179445	650407	25.40%	6.132%
15	13.560	1933	1942	1952	rVB6	42674	173972	6.80%	1.640%
16	13.810	1972	1983	2003	rVB2	142729	604396	23.61%	5.698%
17	14.102	2019	2031	2043	rVB5	38892	159099	6.21%	1.500%
18	14.541	2091	2103	2116	rVB	713013	2560243	100.00%	24.138%
19	14.682	2118	2126	2133	rBV3	53568	170406	6.66%	1.607%
20	14.865	2150	2156	2161	rBV5	25336	57864	2.26%	0.546%
21	14.938	2163	2168	2177	rVB2	35539	91334	3.57%	0.861%
22	15.145	2199	2202	2206	rVB	33169	49633	1.94%	0.468%
23	15.224	2209	2215	2224	rVB6	28812	83541	3.26%	0.788%
24	15.529	2256	2265	2276	rVB7	33411	113567	4.44%	1.071%
25	16.023	2336	2346	2356	rVB7	15143	61017	2.38%	0.575%
26	16.181	2368	2372	2379	rVB2	14949	27269	1.07%	0.257%
27	16.370	2397	2403	2411	rVB	51989	109022	4.26%	1.028%
28	16.693	2450	2456	2465	rBV6	11238	32740	1.28%	0.309%

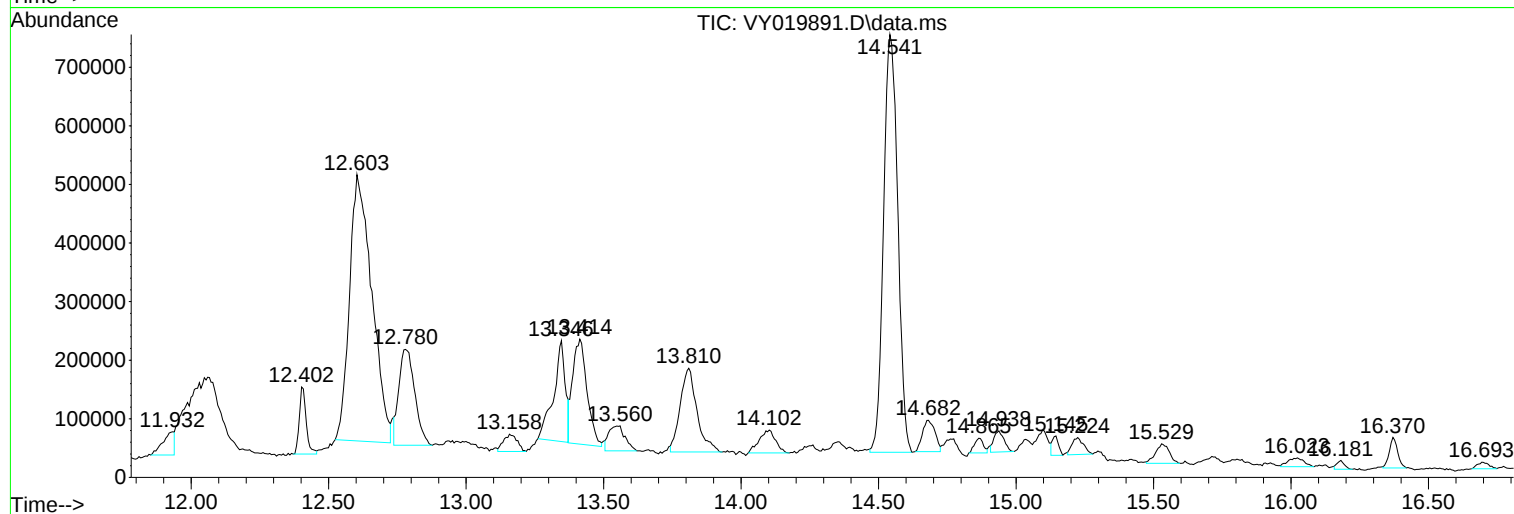
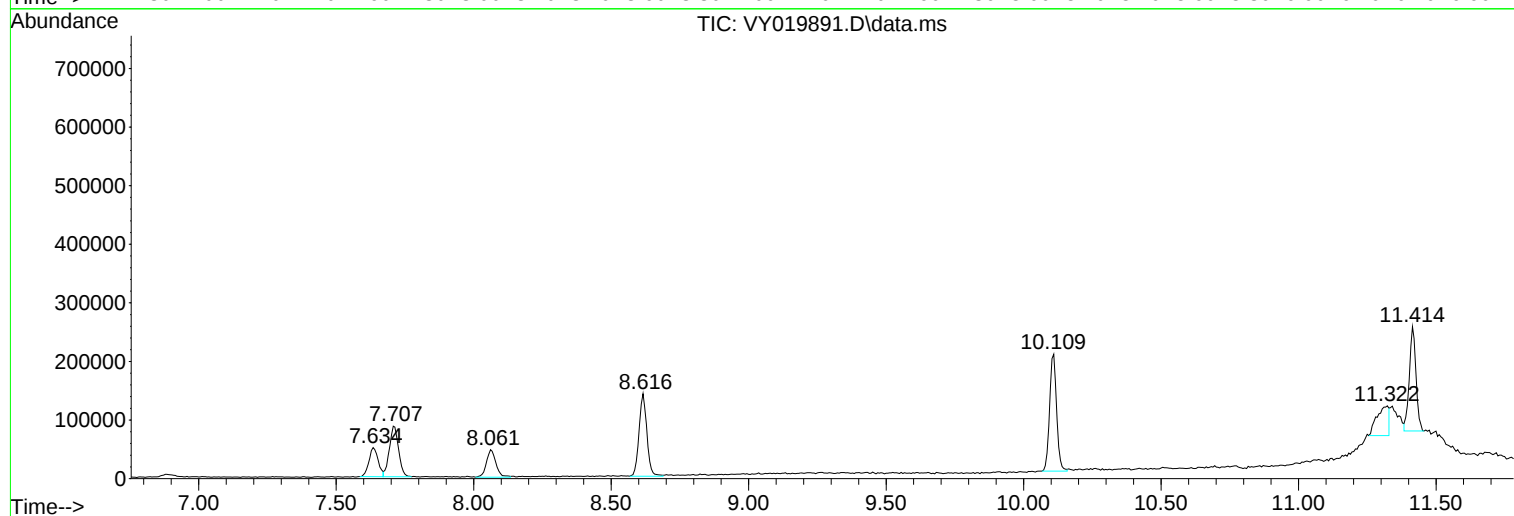
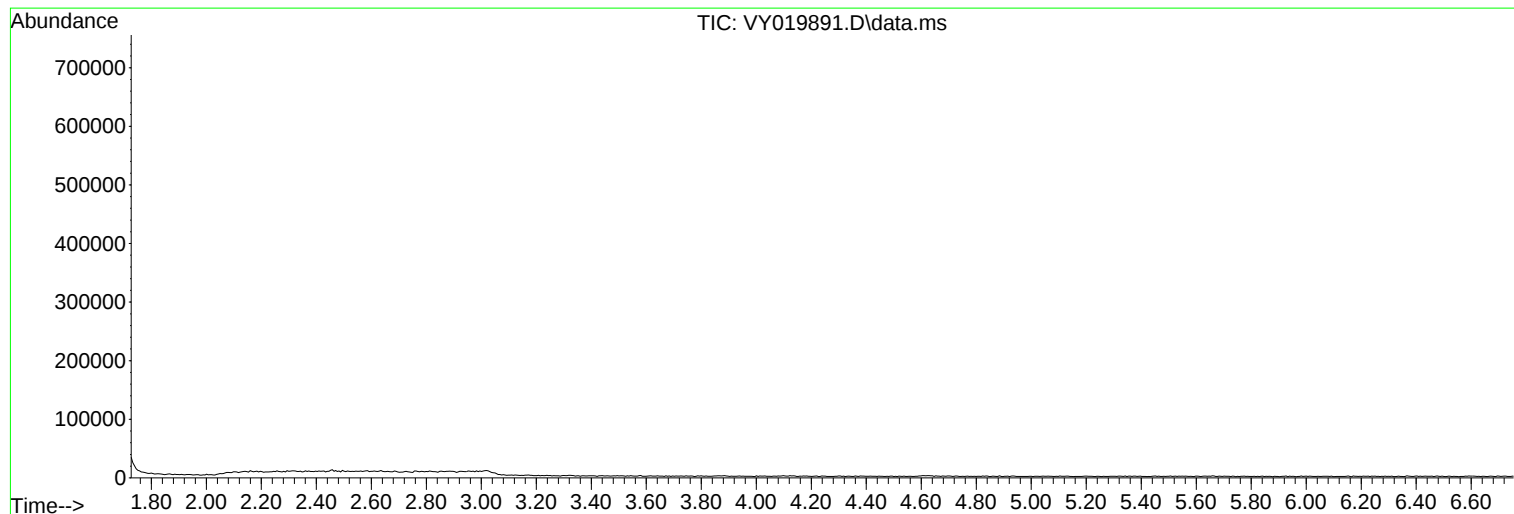
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ClientSampleId :
OR-02-100924RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

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



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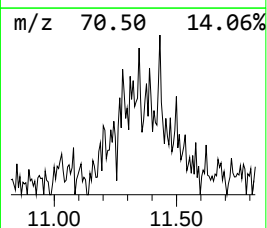
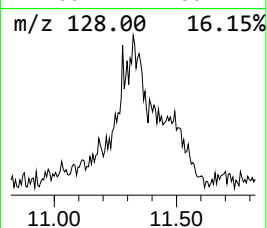
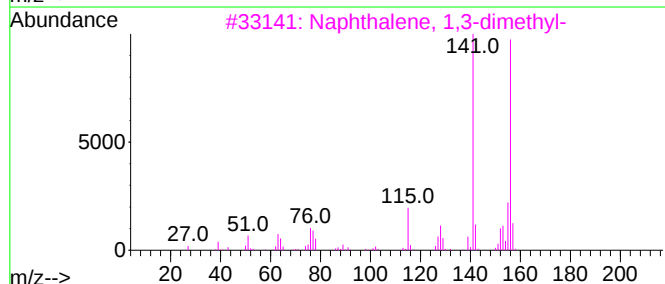
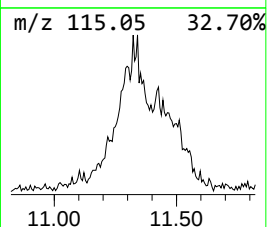
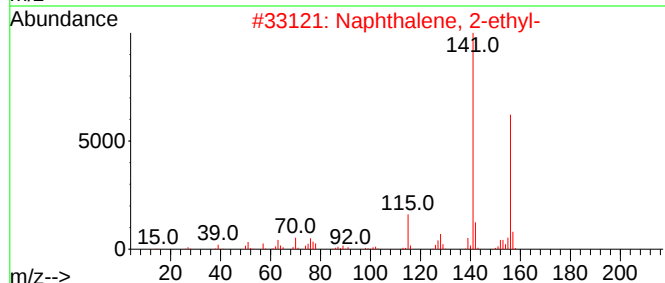
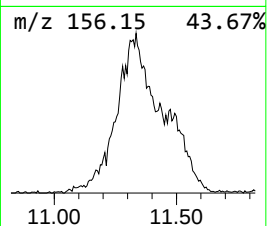
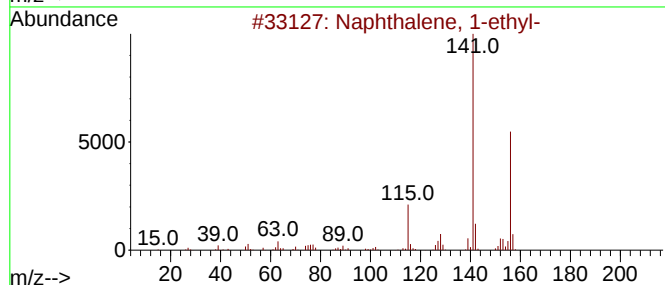
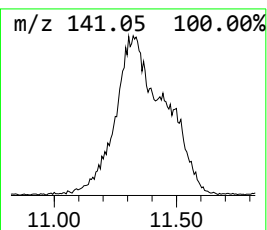
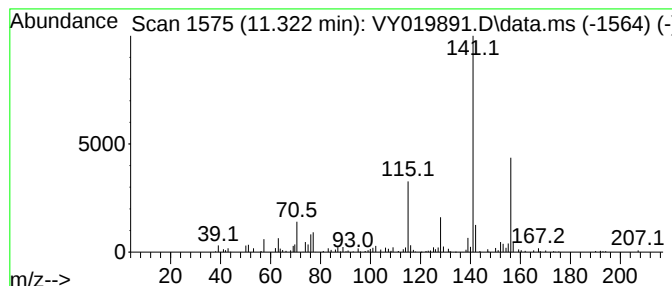
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Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.323	25.71 ug/l	154428	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5			Ethanone, 1-(2,4-difluorophenyl)-	156	C8H6F2O	000364-83-0	58



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ClientSampleId :
OR-02-100924RE

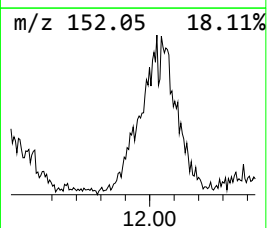
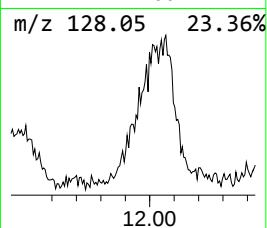
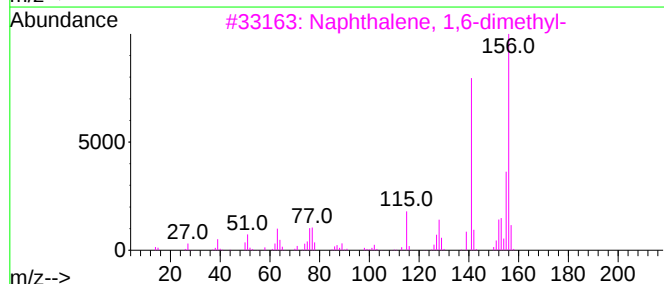
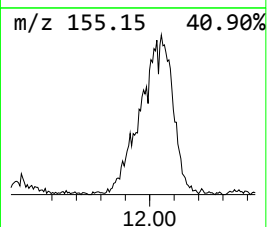
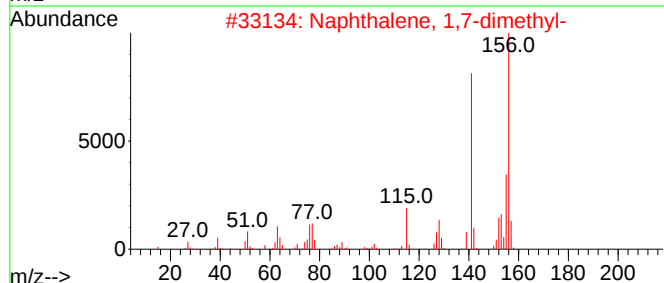
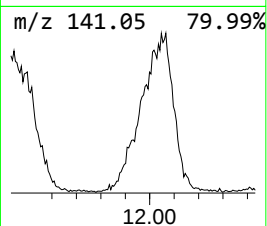
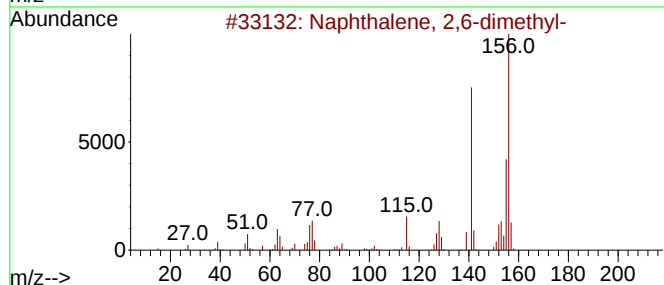
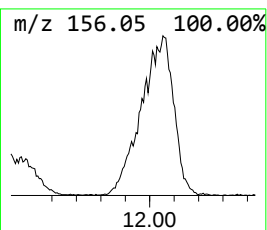
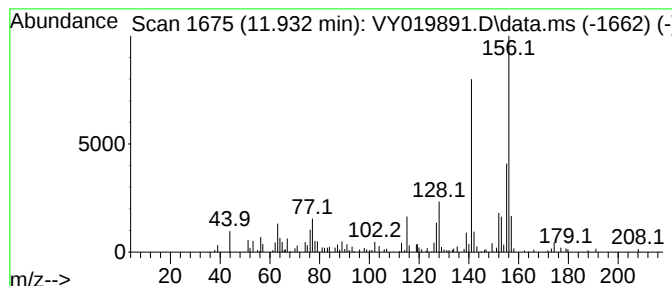
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

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.
11.932	19.41 ug/l	116569	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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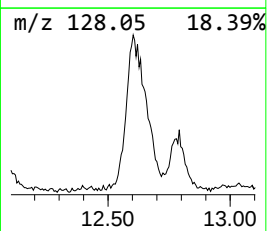
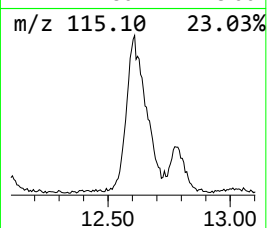
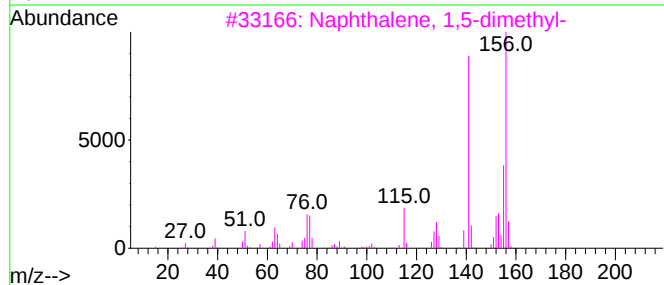
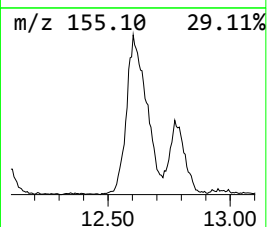
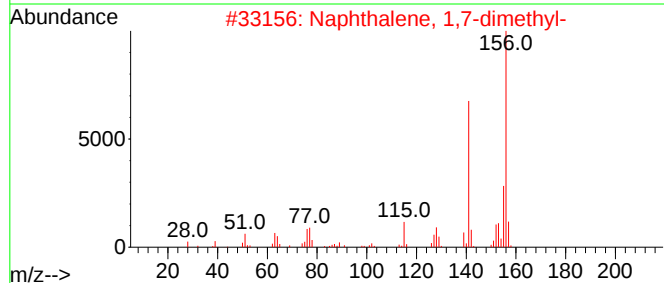
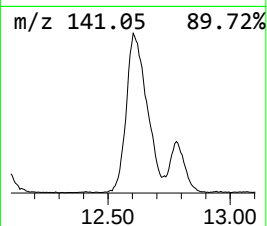
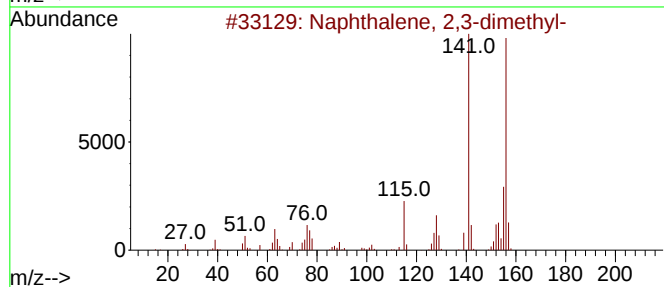
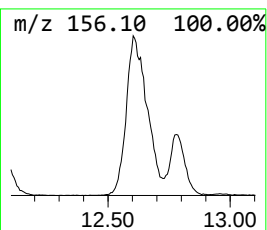
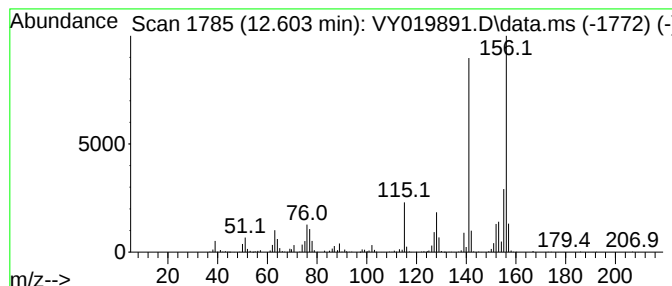
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.603	249.41 ug/l	2559000	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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ALS Vial : 11 Sample Multiplier: 1

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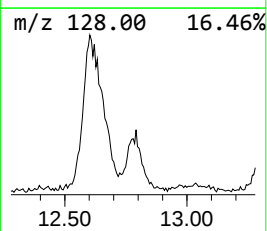
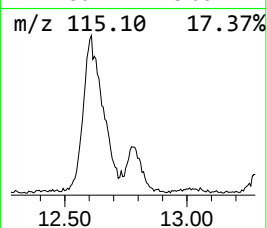
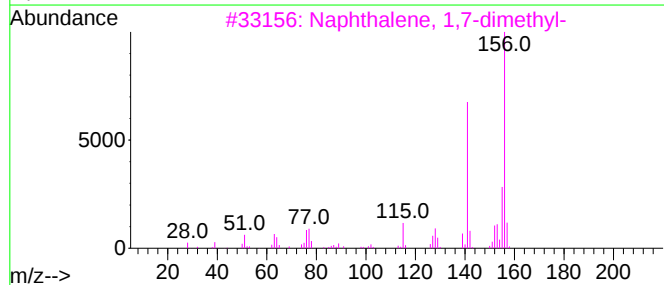
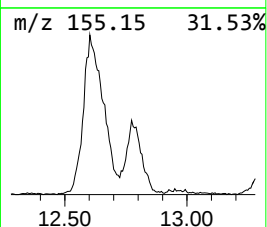
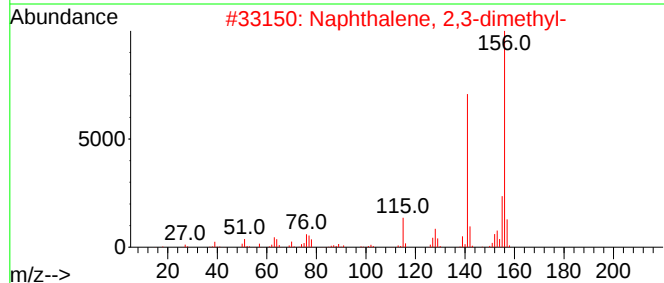
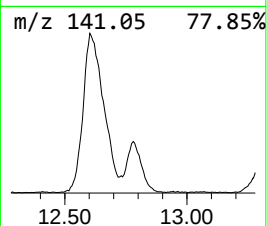
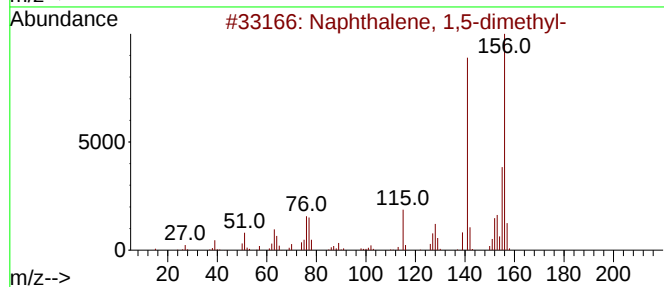
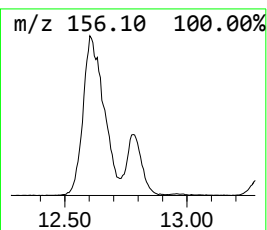
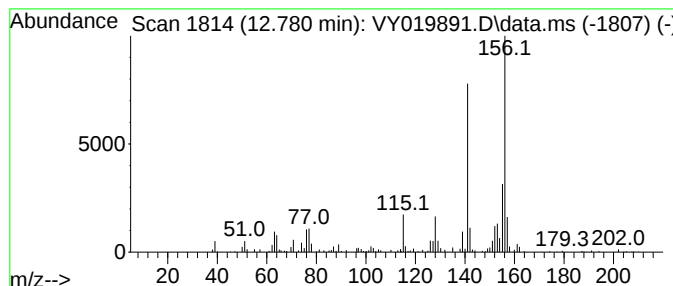
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	63.86 ug/l	655281	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



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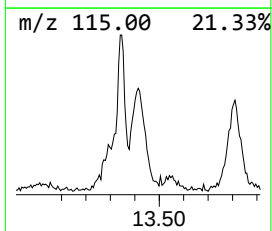
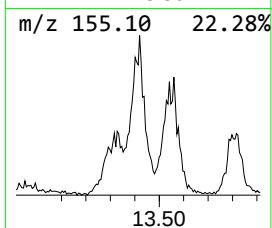
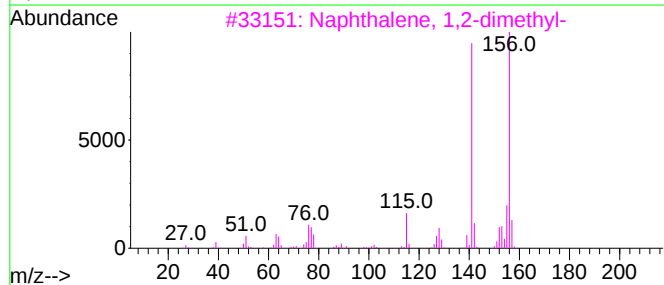
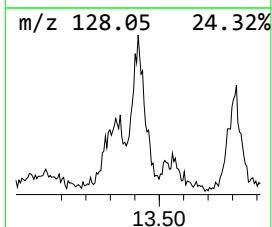
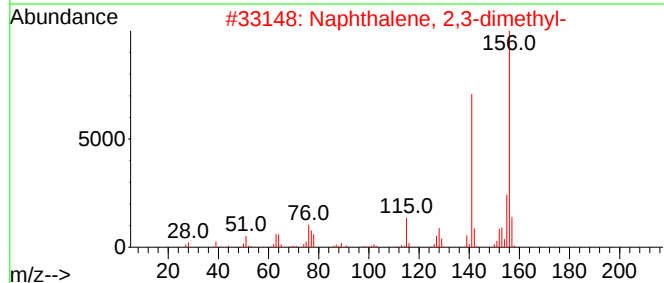
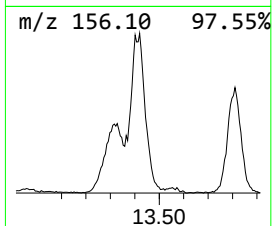
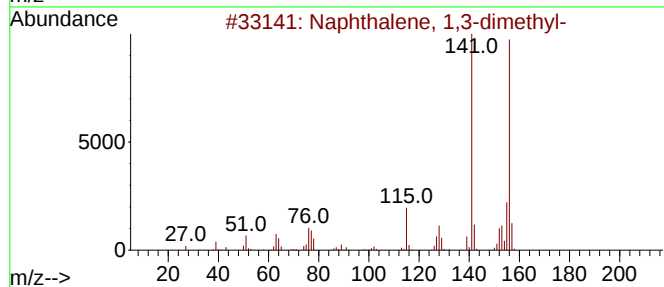
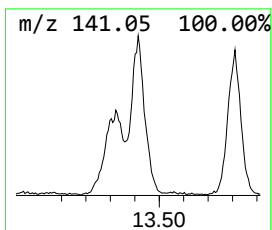
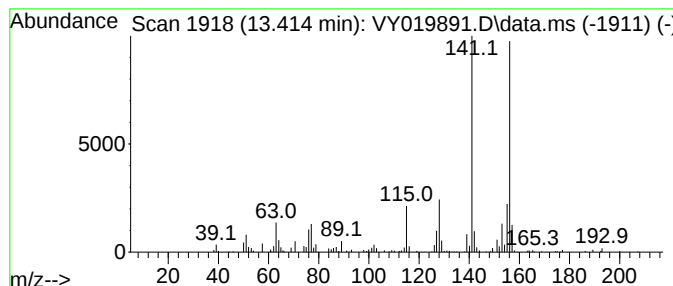
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.414	63.39 ug/l	650407	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91



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OR-02-100924RE

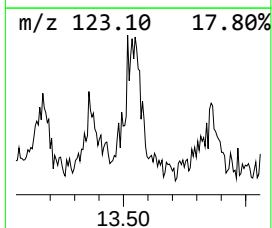
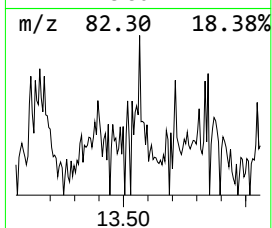
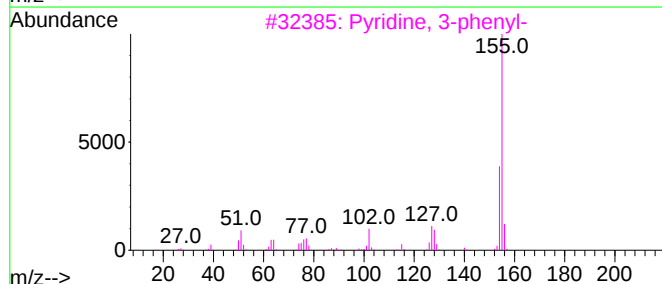
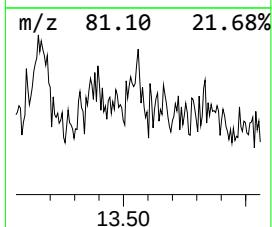
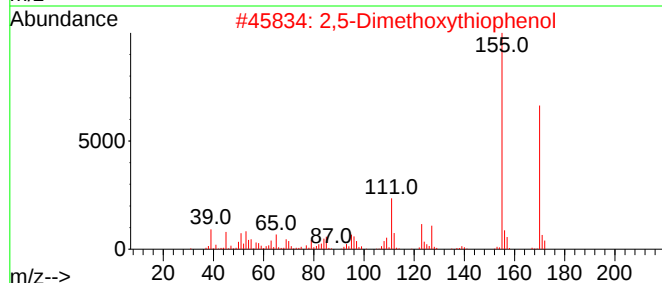
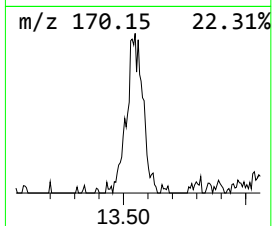
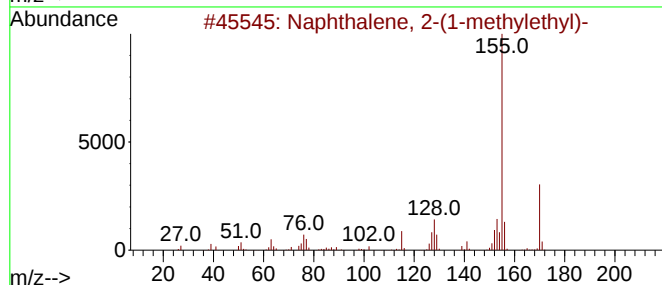
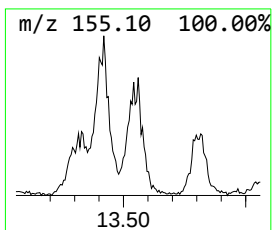
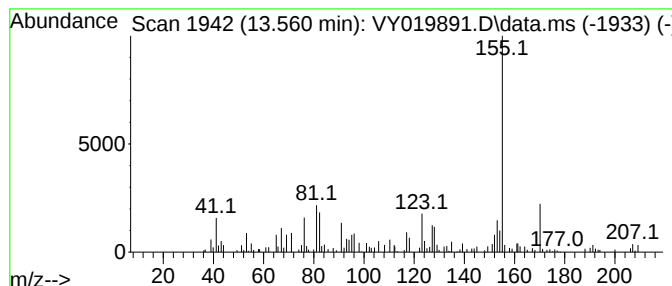
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.560	16.96 ug/l	173972	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	74
2			2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	50
3			Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	47
4			Silane, chlorodimethylphenyl-	170	C8H11ClSi	000768-33-2	46
5			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
Data File : VY019891.D
Acq On : 14 Oct 2024 14:55
Operator : SY/MD
Sample : P4376-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

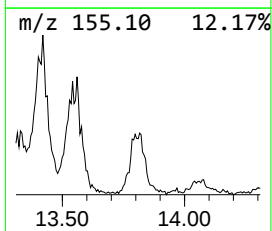
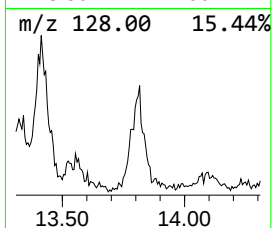
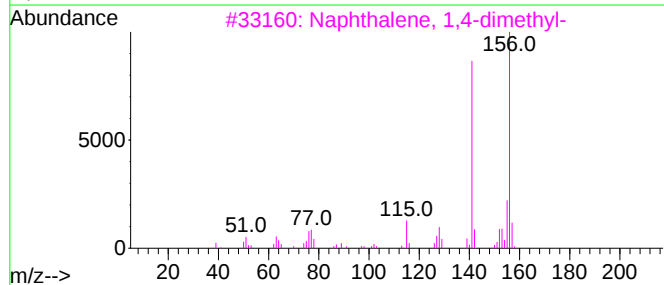
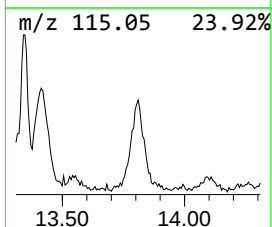
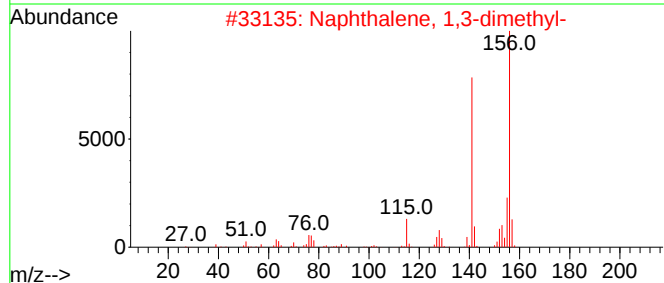
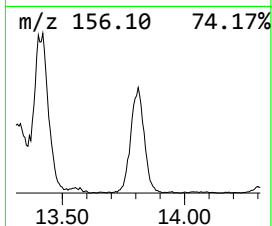
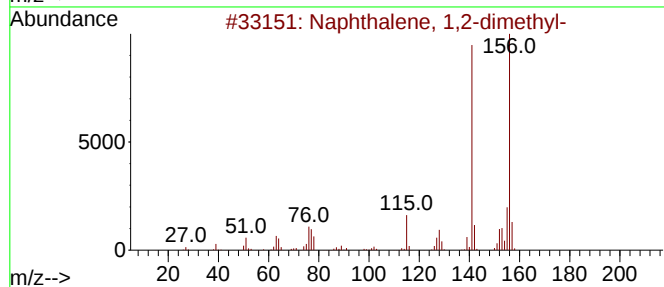
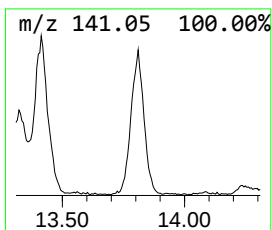
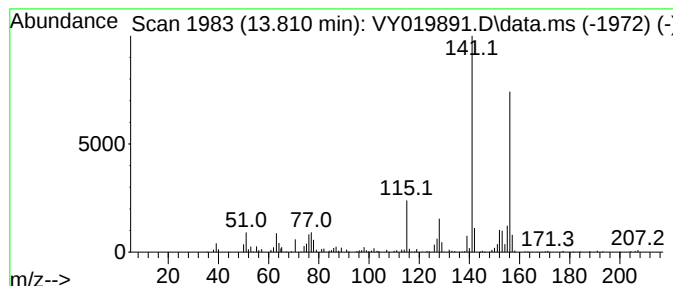
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MSVOA_Y
ClientSampleId :
OR-02-100924RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.810	58.91 ug/l	604396	1,4-Dichlorobenzene-d4	13.347	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
Data File : VY019891.D
Acq On : 14 Oct 2024 14:55
Operator : SY/MD
Sample : P4376-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924RE

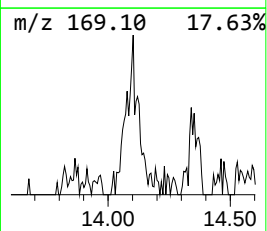
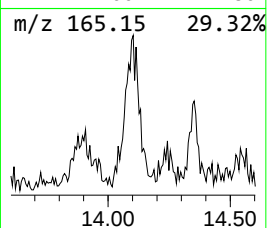
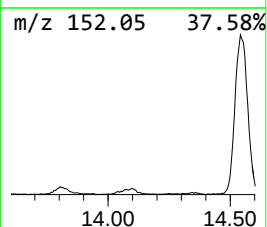
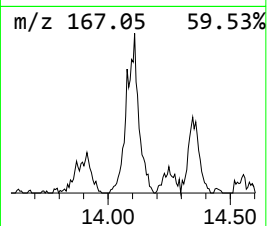
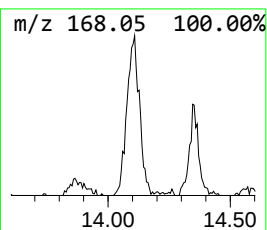
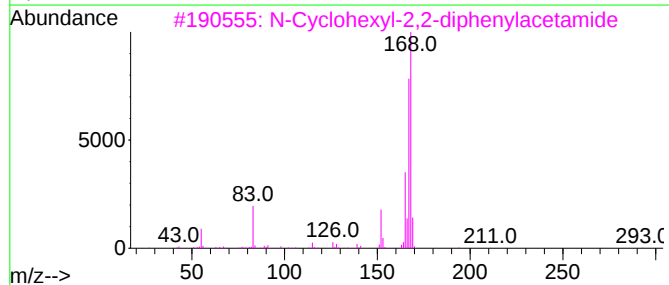
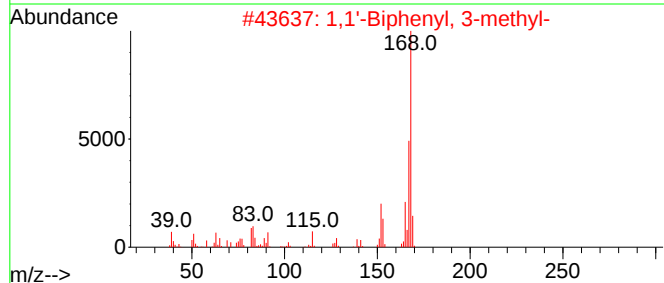
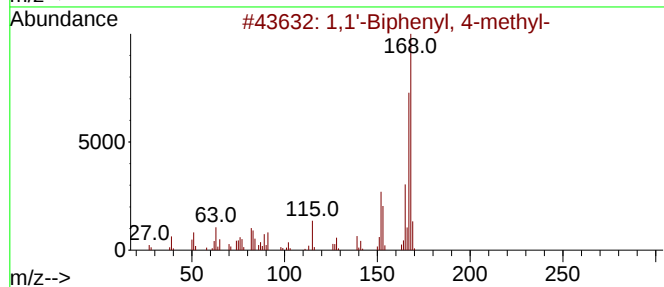
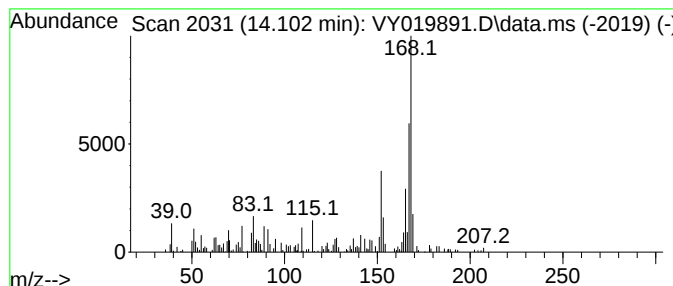
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Quant Title : SW846 8260

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

Peak Number 8 1,1'-Biphenyl, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.102	15.51 ug/l	159099	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	74
3			N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	64
4			Diphenylmethane	168	C13H12	000101-81-5	64
5			N-Nitrosodiphenylamine	198	C12H10N2O	000086-30-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
Data File : VY019891.D
Acq On : 14 Oct 2024 14:55
Operator : SY/MD
Sample : P4376-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924RE

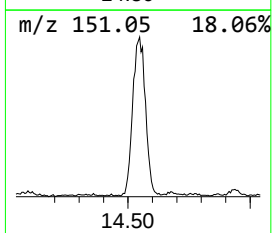
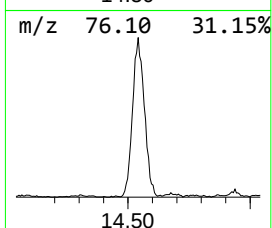
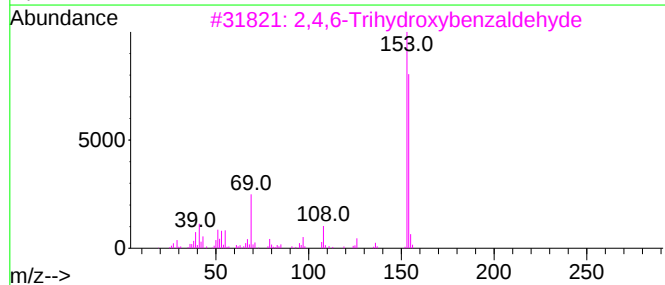
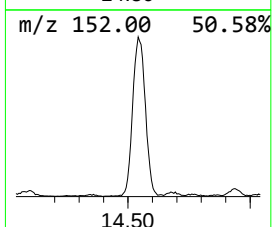
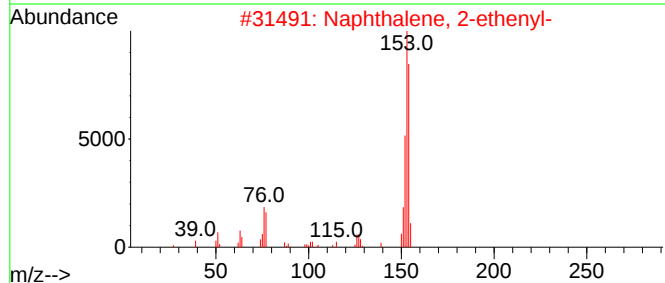
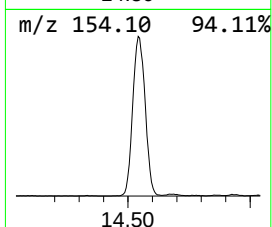
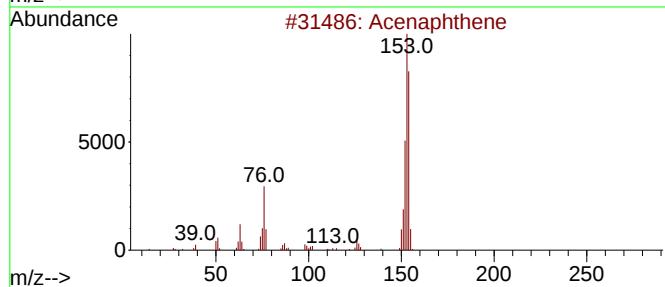
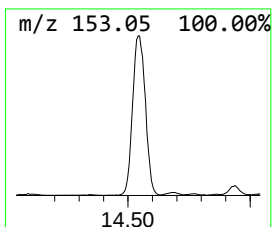
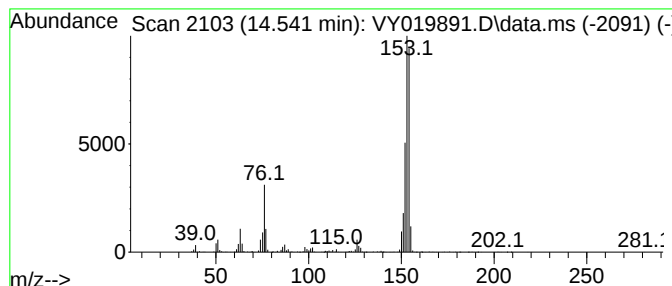
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Quant Title : SW846 8260

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

Peak Number 9 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.541	249.53 ug/l	2560240	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	62
3			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	50
4			Biphenyl	154	C12H10	000092-52-4	43
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
Data File : VY019891.D
Acq On : 14 Oct 2024 14:55
Operator : SY/MD
Sample : P4376-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924RE

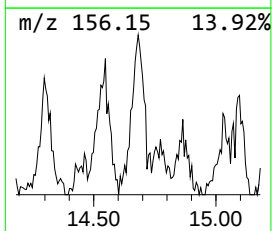
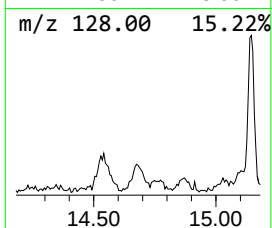
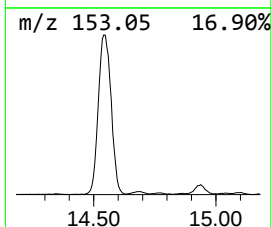
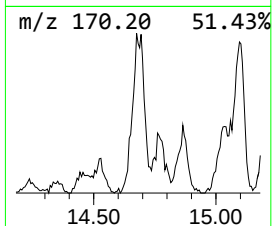
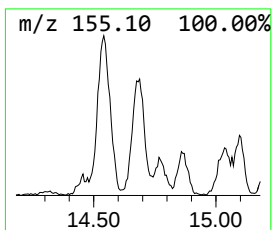
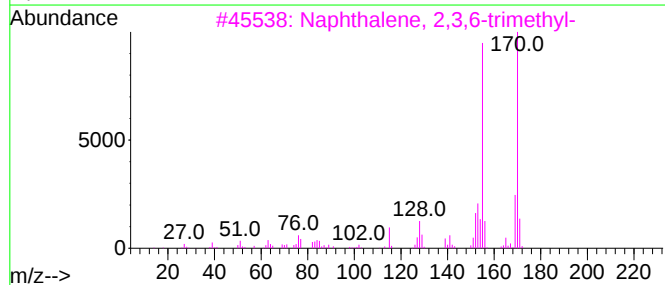
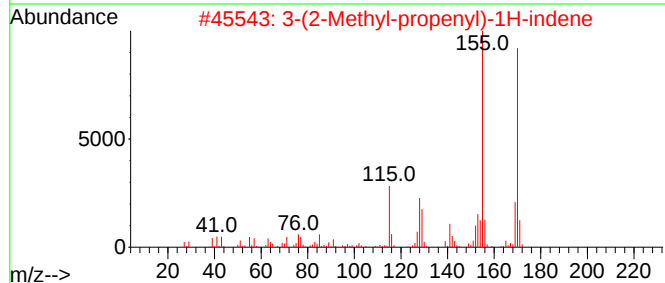
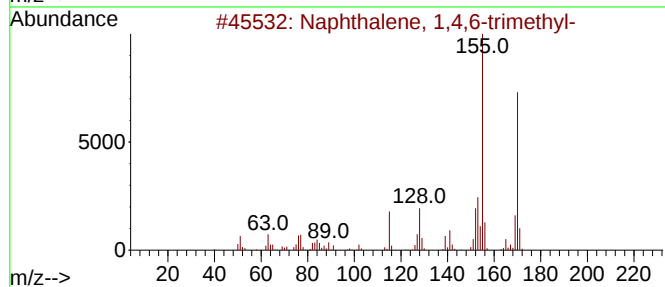
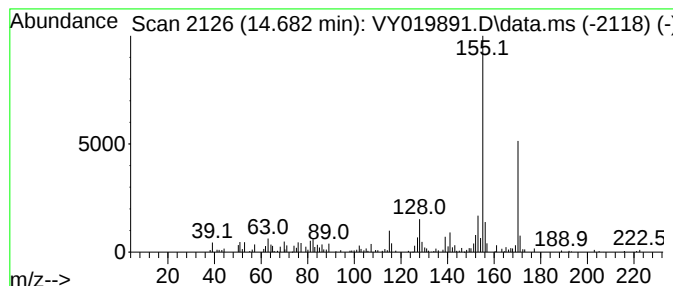
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.682	16.61 ug/l	170406	1,4-Dichlorobenzene-d4	13.347

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	90
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
Data File : VY019891.D
Acq On : 14 Oct 2024 14:55
Operator : SY/MD
Sample : P4376-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.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-...	11.323	25.7	ug/l	154428	3	11.414	300340	50.0
Naphthalene, 2,...	11.932	19.4	ug/l	116569	3	11.414	300340	50.0
Naphthalene, 2,...	12.603	249.4	ug/l	2559000	4	13.347	513021	50.0
Naphthalene, 1,...	12.780	63.9	ug/l	655281	4	13.347	513021	50.0
Naphthalene, 1,...	13.414	63.4	ug/l	650407	4	13.347	513021	50.0
Naphthalene, 2-...	13.560	17.0	ug/l	173972	4	13.347	513021	50.0
Naphthalene, 1,...	13.810	58.9	ug/l	604396	4	13.347	513021	50.0
1,1'-Biphenyl, ...	14.102	15.5	ug/l	159099	4	13.347	513021	50.0
Acenaphthene	14.541	249.5	ug/l	2560240	4	13.347	513021	50.0
Naphthalene, 1,...	14.682	16.6	ug/l	170406	4	13.347	513021	50.0