

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005540.D
 Acq On : 04 Aug 2021 16:11
 Operator : SY/MD
 Sample : M3291-04
 Misc : 6.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

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\82Y080221S.M
 Title : SW846 8260

Signal : TIC: VY005540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.058	33	39	43	rBV2	3584	7444	2.34%	0.477%
2	4.722	468	476	480	rBV4	2469	5942	1.87%	0.381%
3	5.759	638	646	652	rVB5	1522	3648	1.15%	0.234%
4	7.728	959	969	974	rBV	11966	28262	8.87%	1.811%
5	7.795	974	980	989	rVB	21338	46910	14.73%	3.005%
6	8.149	1031	1038	1045	rBV2	12444	26861	8.43%	1.721%
7	8.697	1120	1128	1135	rVV	33620	68583	21.53%	4.394%
8	10.185	1365	1372	1379	rVV	57508	101038	31.72%	6.473%
9	11.038	1509	1512	1516	rBV5	2275	4450	1.40%	0.285%
10	11.496	1581	1587	1593	rVB	53681	87882	27.59%	5.630%
11	11.843	1642	1644	1645	rBV2	4666	3459	1.09%	0.222%
12	12.410	1723	1737	1738	rBV	36692	109091	34.25%	6.989%
13	12.483	1745	1749	1765	rVB3	72714	188706	59.24%	12.089%
14	12.977	1815	1830	1842	rVB2	71466	318557	100.00%	20.407%
15	13.428	1899	1904	1917	rVB	66732	129178	40.55%	8.275%
16	13.568	1925	1927	1928	rBV2	6559	5490	1.72%	0.352%
17	13.751	1953	1957	1961	rBV6	12206	21823	6.85%	1.398%
18	13.977	1990	1994	1998	rBV3	9550	13827	4.34%	0.886%
19	14.263	2036	2041	2045	rBV3	27669	60002	18.84%	3.844%
20	14.422	2064	2067	2071	rBV4	15091	24081	7.56%	1.543%
21	14.550	2085	2088	2091	rBV5	8749	15522	4.87%	0.994%
22	14.678	2105	2109	2114	rBV5	29219	62316	19.56%	3.992%
23	14.739	2115	2119	2125	rVB6	28415	57417	18.02%	3.678%
24	14.855	2134	2138	2139	rBV4	14158	18184	5.71%	1.165%
25	15.056	2167	2171	2179	rVB4	16735	35865	11.26%	2.298%
26	15.214	2193	2197	2202	rBV2	32789	54475	17.10%	3.490%
27	15.733	2278	2282	2289	rVB7	23413	48482	15.22%	3.106%
28	16.153	2349	2351	2357	rVB7	9417	13502	4.24%	0.865%

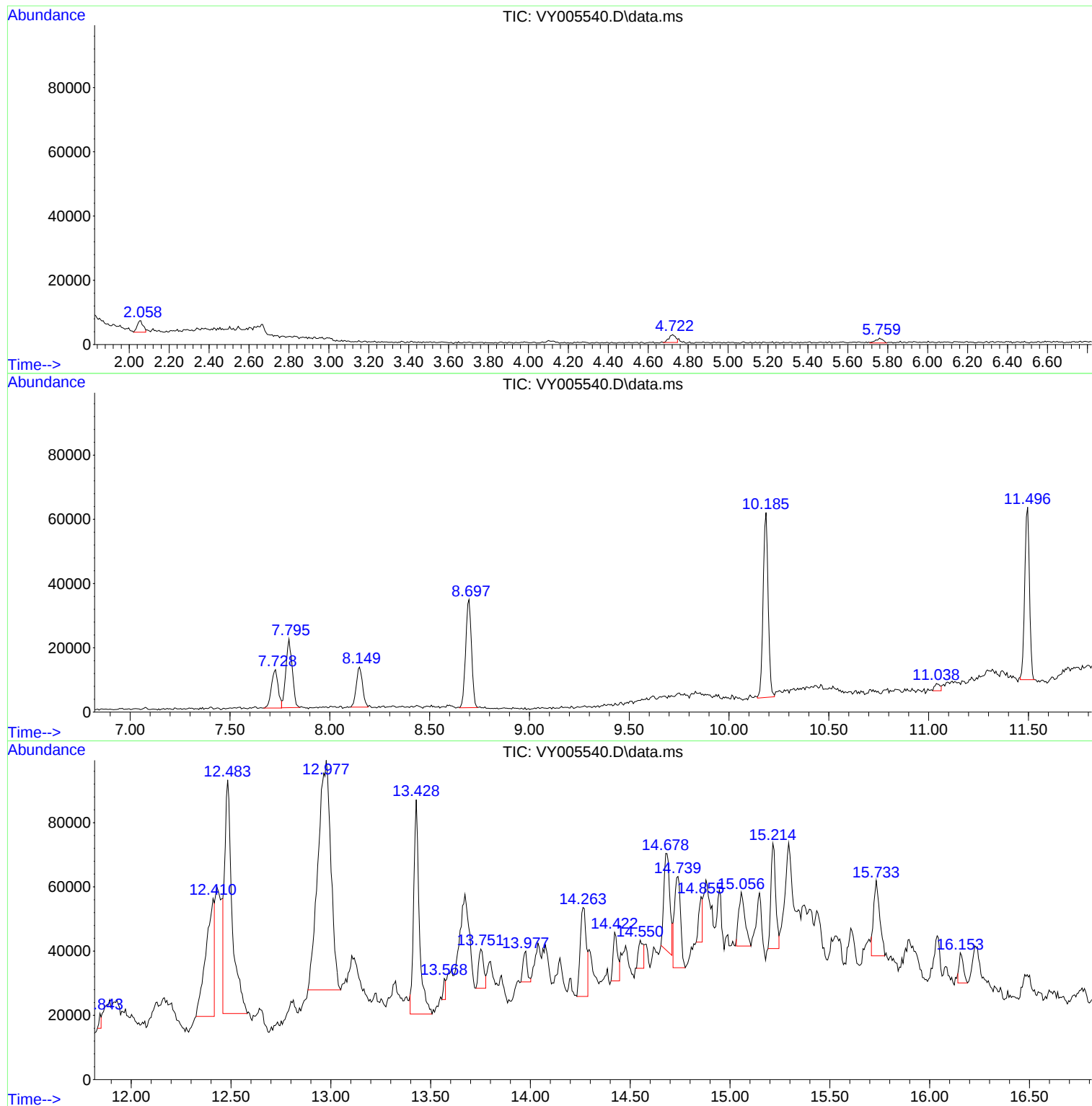
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Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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



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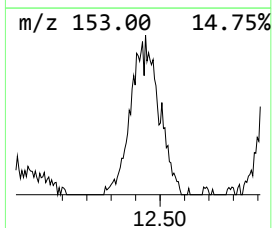
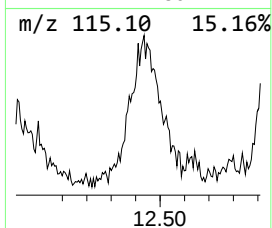
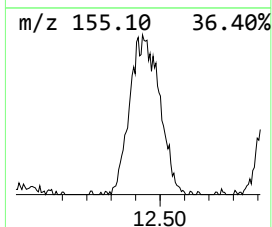
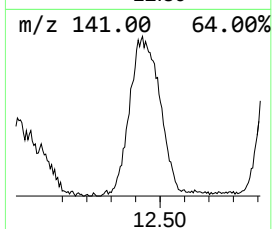
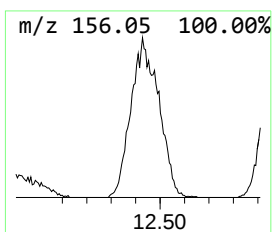
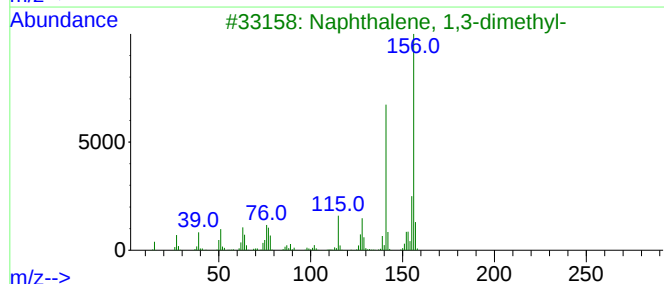
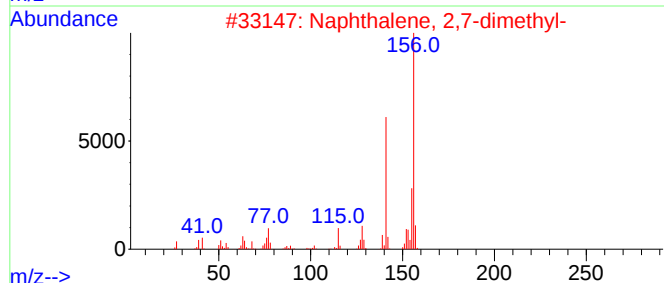
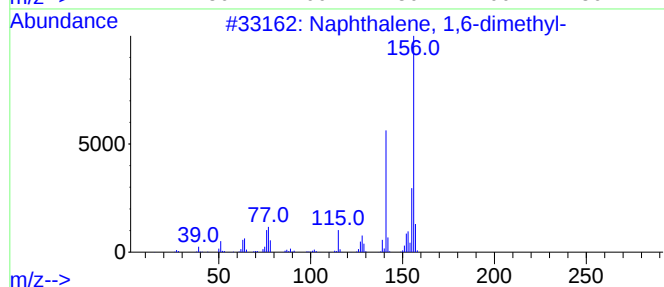
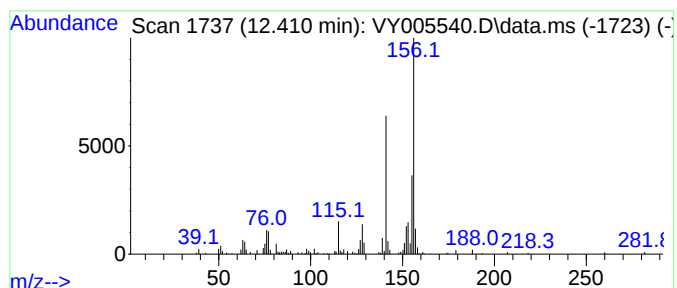
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	62.07 ug/l	109091	Chlorobenzene-d5	11.496

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



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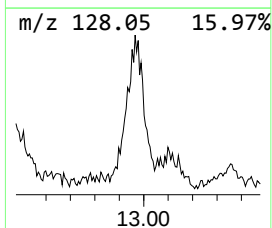
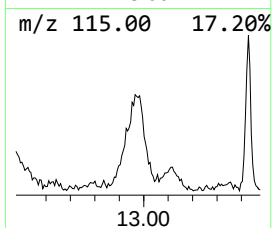
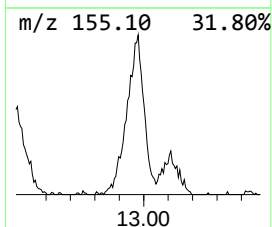
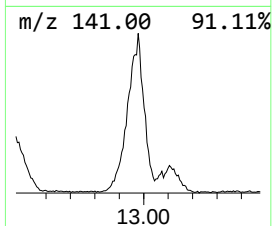
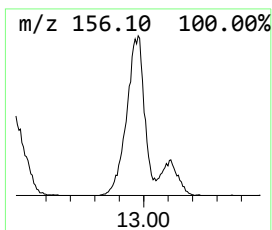
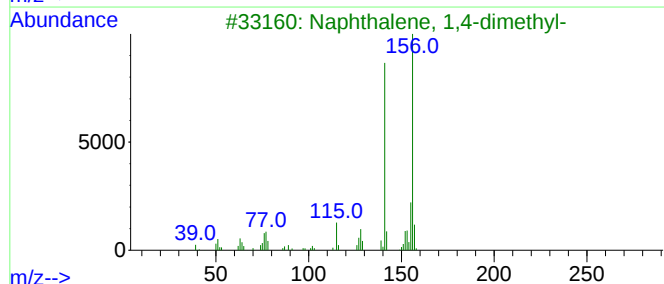
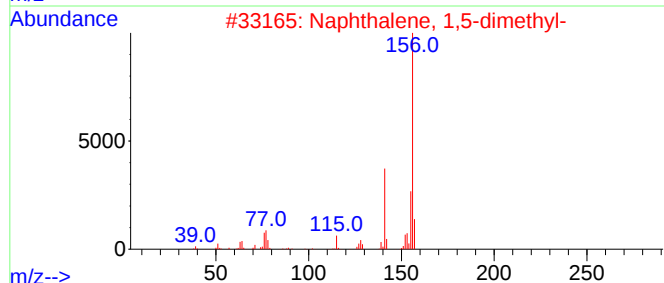
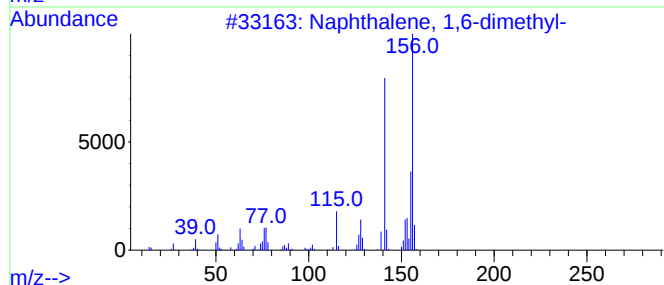
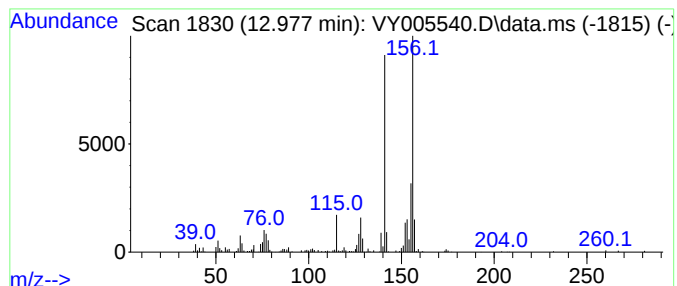
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	123.30 ug/l	318557	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	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



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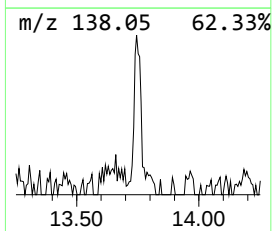
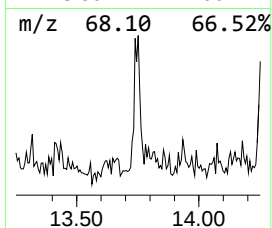
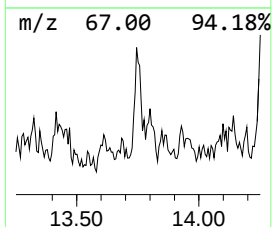
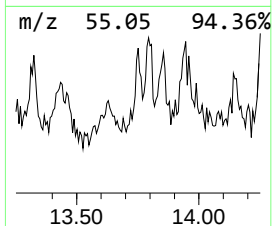
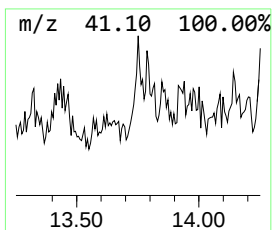
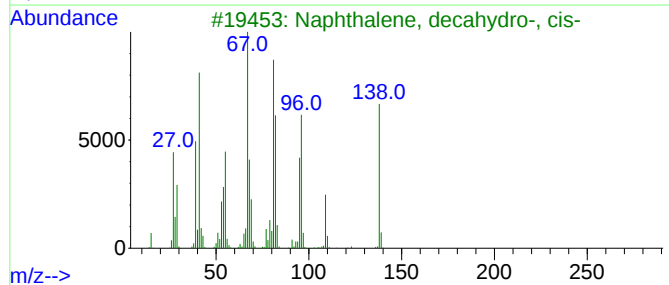
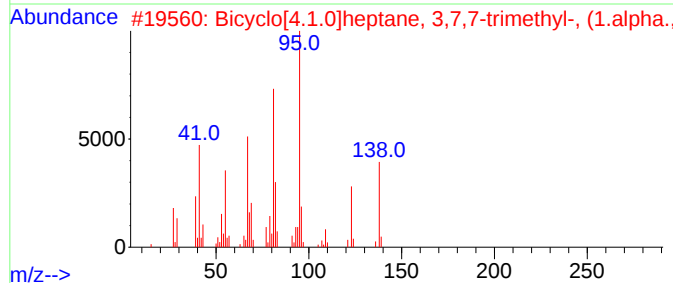
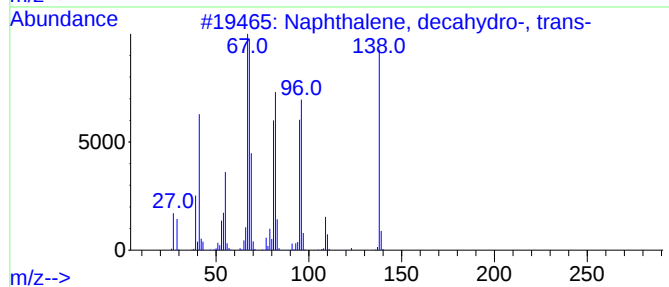
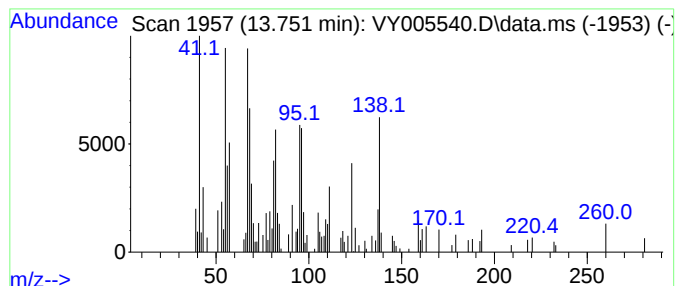
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	8.45 ug/l	21823	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	58
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	58
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	58



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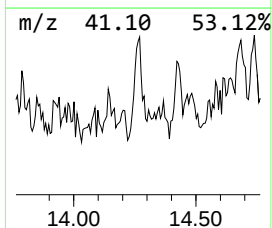
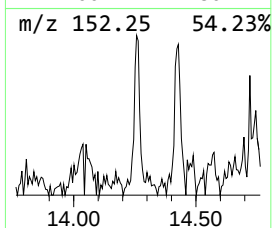
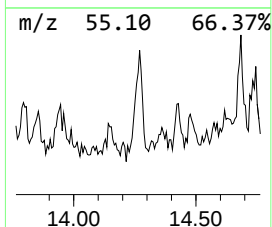
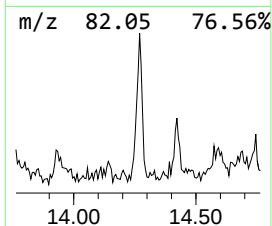
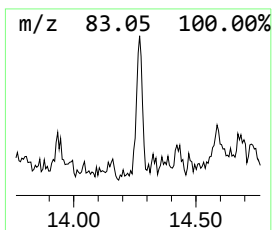
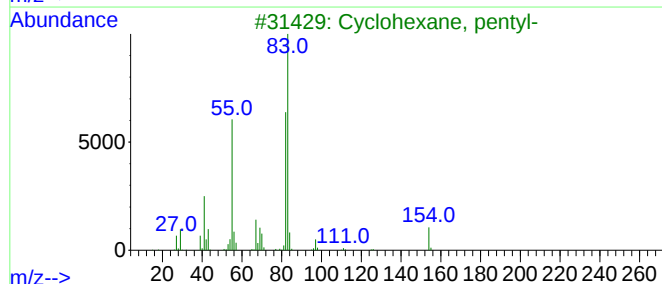
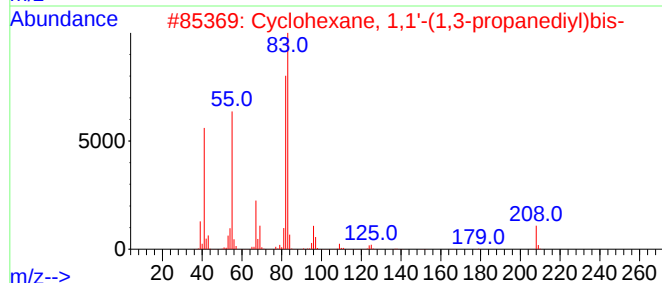
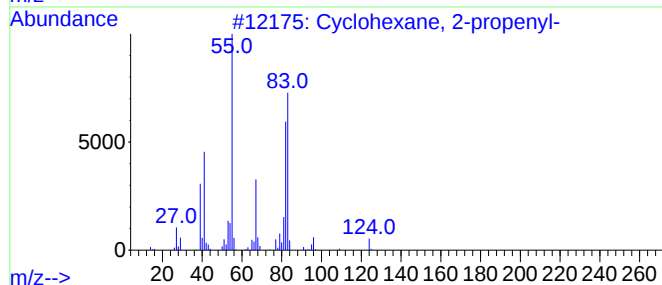
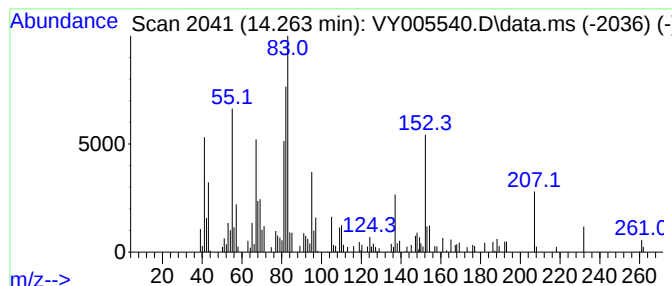
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.263 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	23.22 ug/l	60002	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	46
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	46
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4			Heptylcyclohexane	182	C13H26	005617-41-4	43
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	41



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Instrument :
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ClientSampleId :
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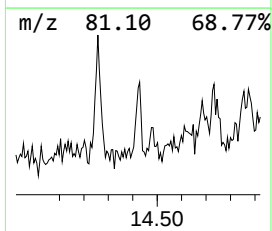
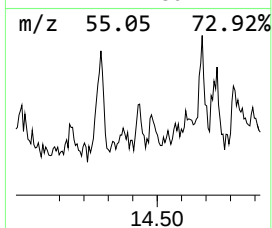
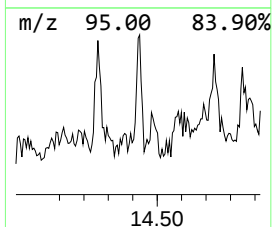
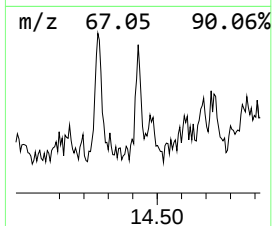
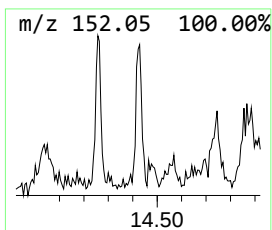
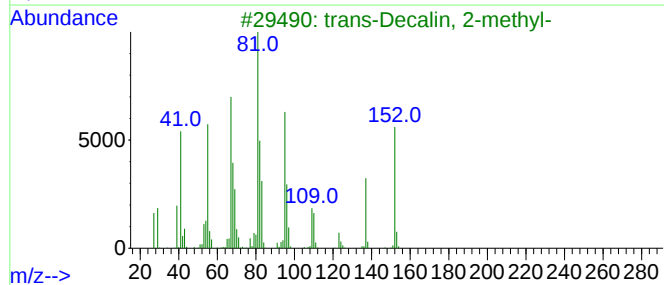
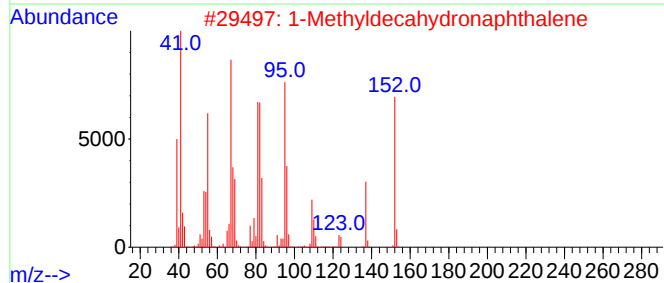
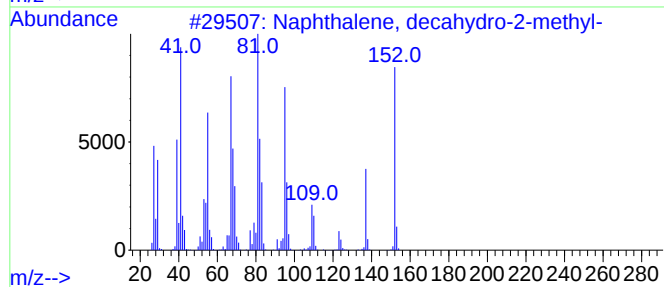
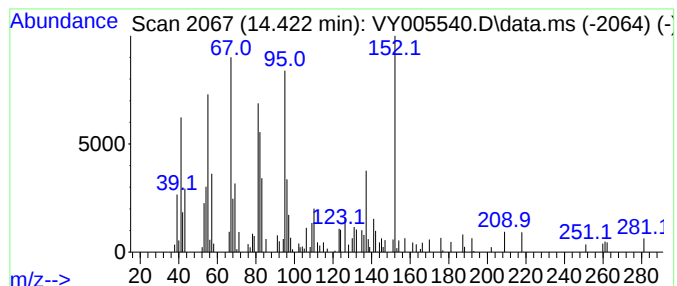
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	9.32 ug/l	24081	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	87
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86



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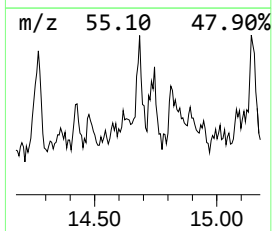
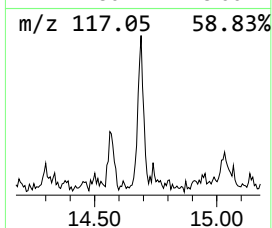
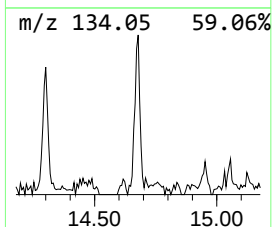
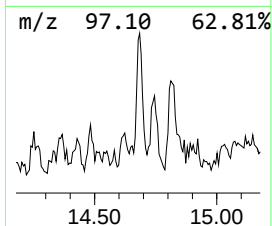
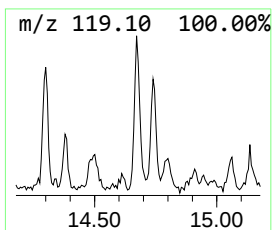
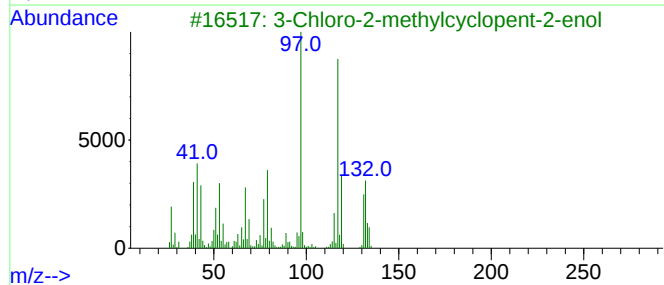
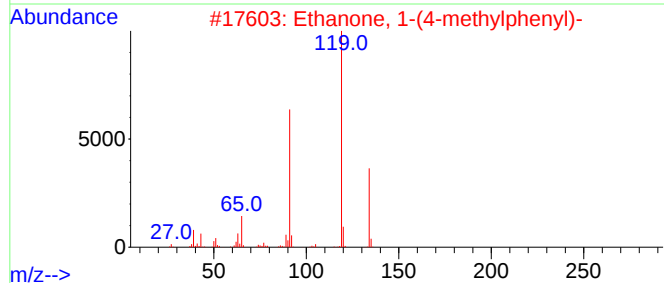
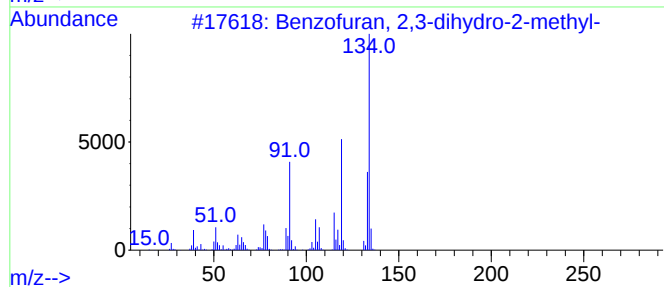
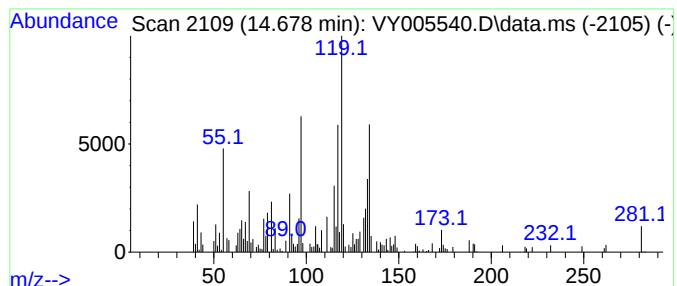
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.678 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	24.12 ug/l	62316	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	49
2			Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	42
3			3-Chloro-2-methylcyclopent-2-enol	132	C6H9ClO	1000192-84-7	41
4			Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	41
5			3-Methyl-2,3-dihydro-benzofuran	134	C9H10O	013524-73-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005540.D
Acq On : 04 Aug 2021 16:11
Operator : SY/MD
Sample : M3291-04
Misc : 6.20G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

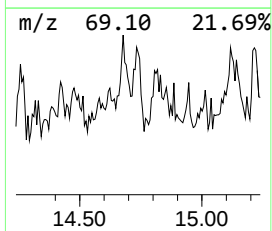
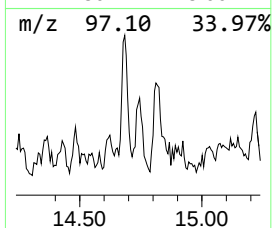
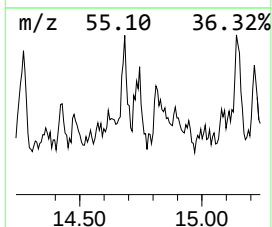
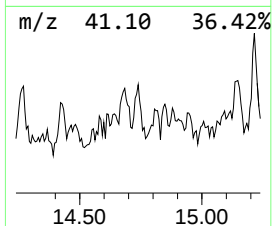
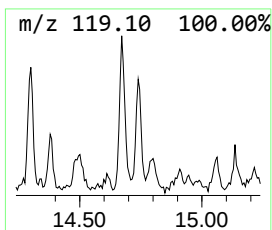
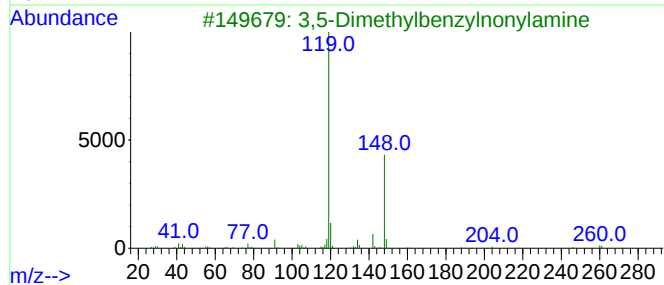
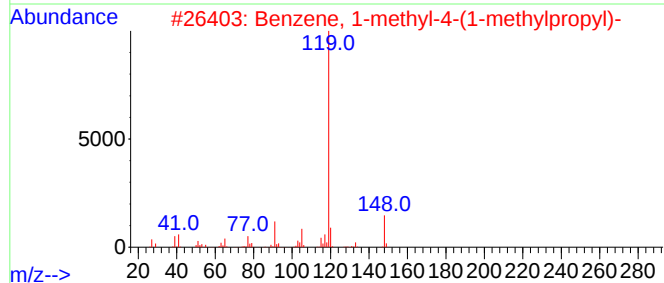
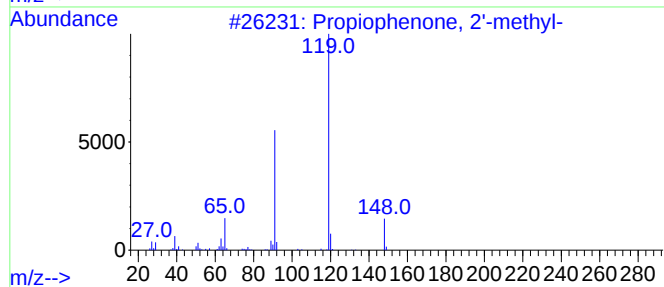
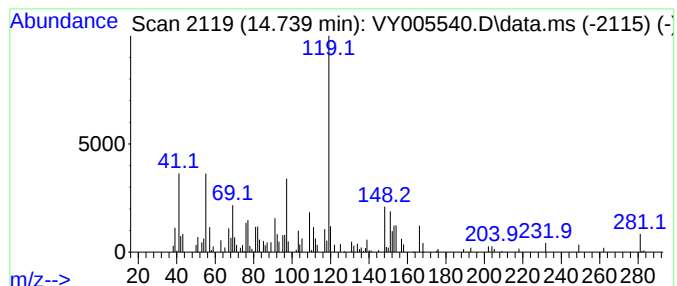
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.739 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	22.22 ug/l	57417	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	46
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
3			3,5-Dimethylbenzylnonylamine	261	C18H31N	1010491-61-1	43
4			1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	43
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005540.D
Acq On : 04 Aug 2021 16:11
Operator : SY/MD
Sample : M3291-04
Misc : 6.20G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

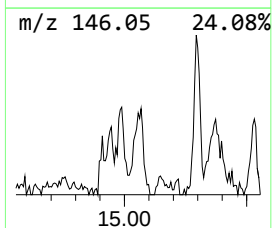
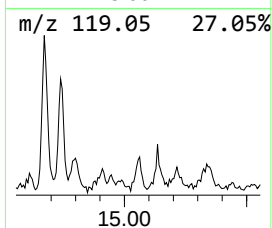
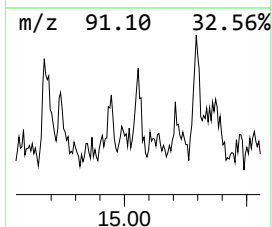
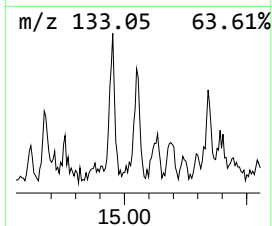
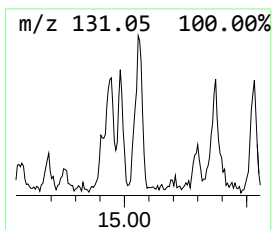
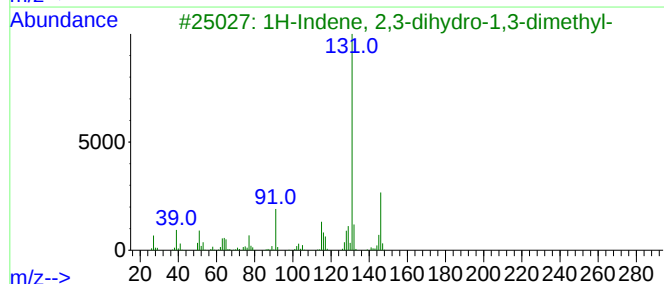
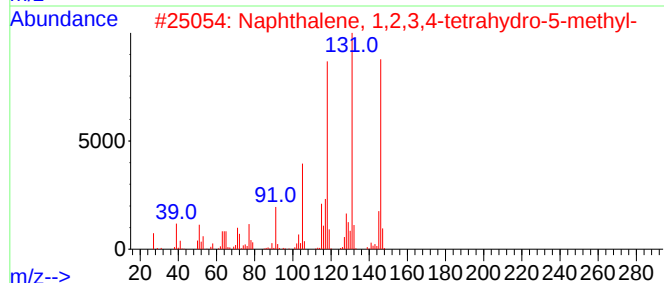
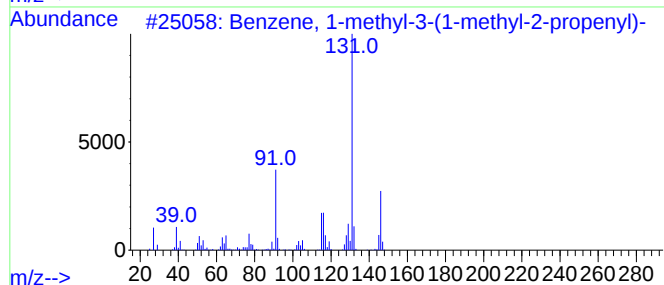
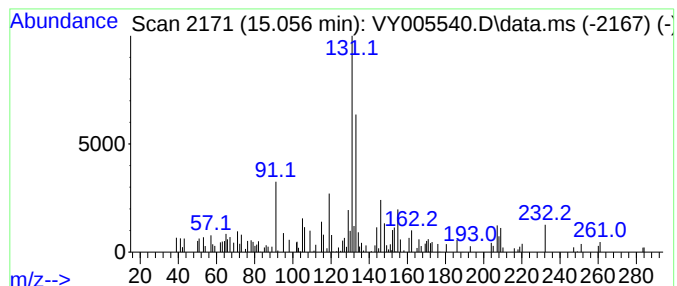
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.056 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	13.88 ug/l	35865	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyl-2-propenyl)-	146	C11H14	052161-57-6	38
2			Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	146	C11H14	002809-64-5	38
3			1H-Indene, 2,3-dihydro-1,3-dimethyl-	146	C11H14	004175-53-5	38
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38
5			1,2,3,4-Tetrahydro-1-naphthalene	236	C13H20Si	1000470-19-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005540.D
Acq On : 04 Aug 2021 16:11
Operator : SY/MD
Sample : M3291-04
Misc : 6.20G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
WC-2

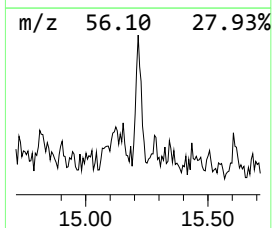
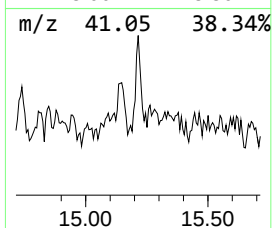
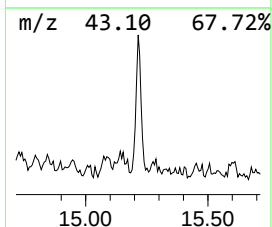
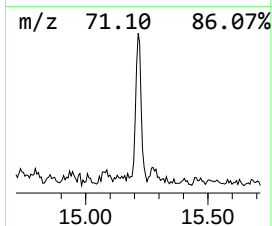
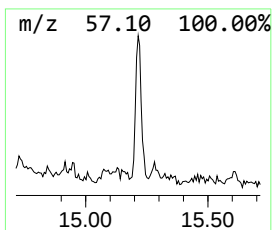
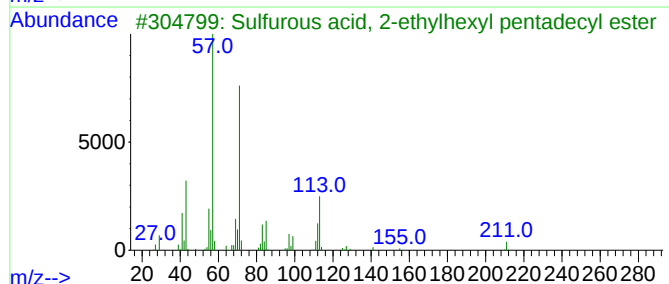
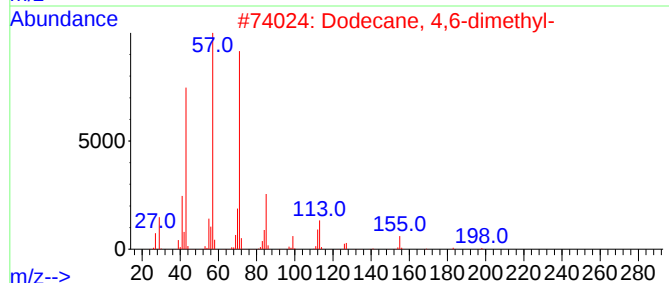
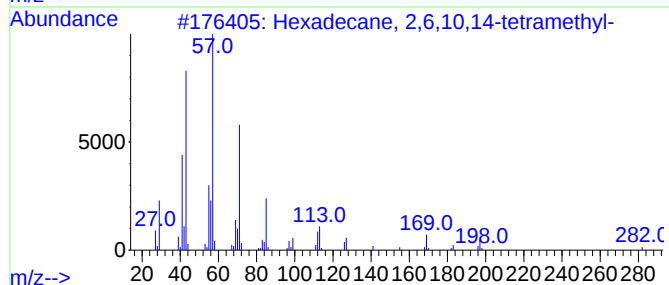
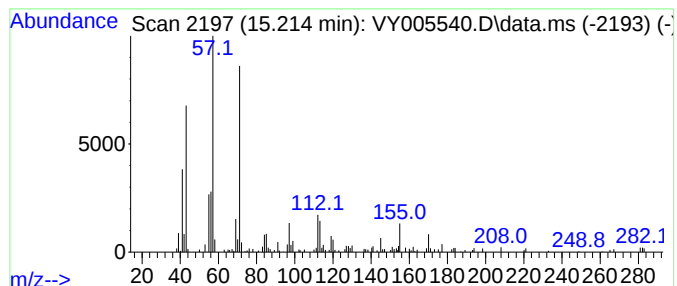
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	21.09 ug/l	54475	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005540.D
Acq On : 04 Aug 2021 16:11
Operator : SY/MD
Sample : M3291-04
Misc : 6.20G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

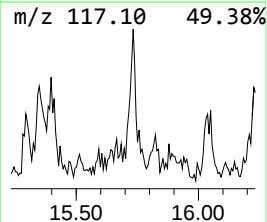
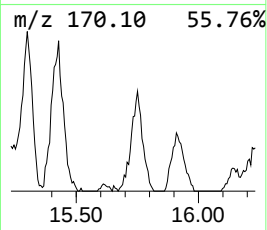
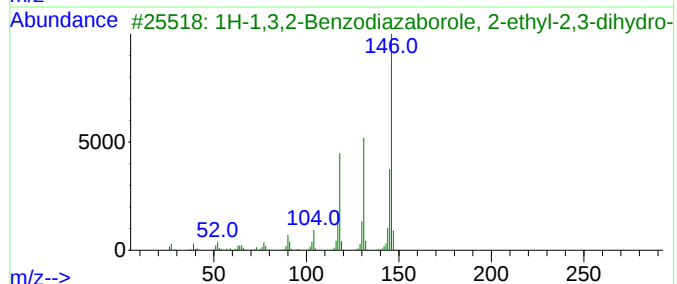
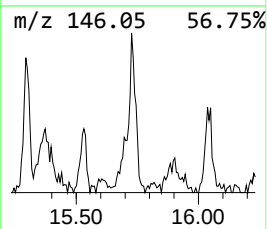
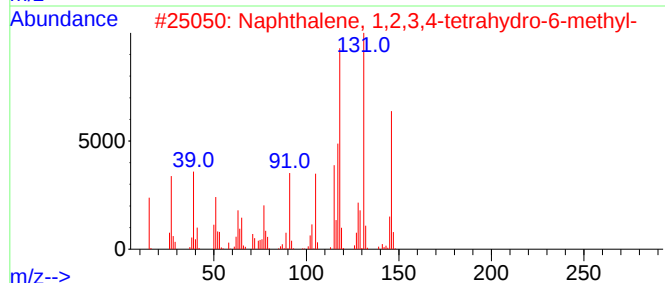
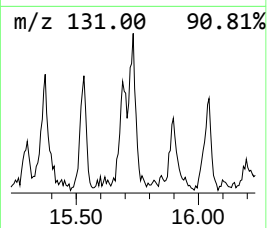
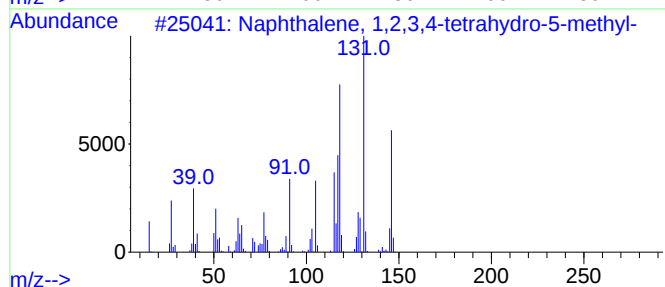
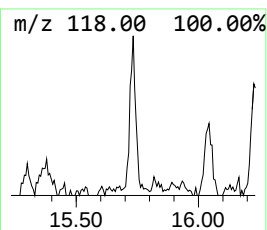
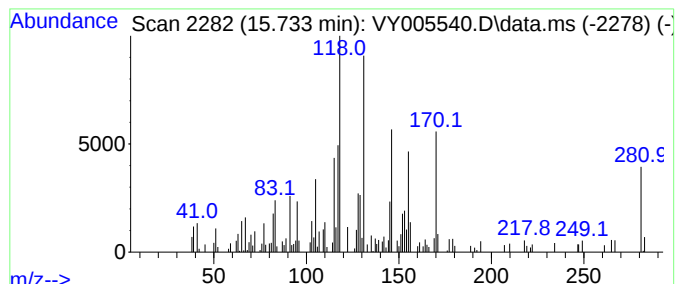
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	18.77 ug/l	48482	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	46
4			Oxazolid-2-one, 3-acetyl-2',4-di...	281	C17H15N03	1000116-16-1	35
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005540.D
Acq On : 04 Aug 2021 16:11
Operator : SY/MD
Sample : M3291-04
Misc : 6.20G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.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
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Naphthalene, 1,...	12.977	123.3	ug/l	318557	4	13.428	129178	50.0
Naphthalene, de...	13.751	8.4	ug/l	21823	4	13.428	129178	50.0
unknown14.263	14.263	23.2	ug/l	60002	4	13.428	129178	50.0
Naphthalene, de...	14.422	9.3	ug/l	24081	4	13.428	129178	50.0
unknown14.678	14.678	24.1	ug/l	62316	4	13.428	129178	50.0
unknown14.739	14.739	22.2	ug/l	57417	4	13.428	129178	50.0
unknown15.056	15.056	13.9	ug/l	35865	4	13.428	129178	50.0
Hexadecane, 2,6...	15.214	21.1	ug/l	54475	4	13.428	129178	50.0
Naphthalene, 1,...	15.733	18.8	ug/l	48482	4	13.428	129178	50.0