

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007756.D
 Acq On : 04 Mar 2022 20:47
 Operator : SY/MD
 Sample : N1796-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AB1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

37	14.196	2027	2030	2031	rBV3	22438	20534	1.23%	0.136%
38	14.257	2036	2040	2044	rVV4	69498	130778	7.81%	0.864%
39	14.294	2044	2046	2049	rVV	31016	45084	2.69%	0.298%
40	14.330	2049	2052	2056	rVB	57315	83801	5.00%	0.554%
41	14.379	2056	2060	2063	rBV2	64341	90353	5.39%	0.597%
42	14.422	2063	2067	2071	rVB3	72481	97676	5.83%	0.646%
43	14.477	2073	2076	2079	rBV4	19402	25593	1.53%	0.169%
44	14.519	2079	2083	2087	rVB3	36512	49693	2.97%	0.328%
45	14.562	2087	2090	2094	rBV3	49276	86145	5.14%	0.569%
46	14.611	2094	2098	2103	rVB	124912	185812	11.09%	1.228%
47	14.684	2103	2110	2115	rBV5	151122	362284	21.63%	2.394%
48	14.733	2115	2118	2125	rVB4	74684	124565	7.44%	0.823%
49	14.830	2130	2134	2142	rVB2	78134	132262	7.90%	0.874%
50	14.940	2148	2152	2156	rBV3	67488	111052	6.63%	0.734%
51	14.977	2156	2158	2164	rVV3	36617	52491	3.13%	0.347%
52	15.056	2165	2171	2179	rVB3	75908	165482	9.88%	1.094%
53	15.208	2191	2196	2206	rBV10	52338	139479	8.33%	0.922%
54	15.294	2206	2210	2213	rVV2	73880	117874	7.04%	0.779%
55	15.349	2214	2219	2229	rVV7	61103	241238	14.40%	1.594%
56	15.434	2229	2233	2241	rVB7	71990	130174	7.77%	0.860%
57	15.525	2241	2248	2254	rBV4	67885	162700	9.71%	1.075%
58	15.605	2256	2261	2266	rVB7	25754	48247	2.88%	0.319%
59	15.696	2266	2276	2277	rBV5	53392	133304	7.96%	0.881%
60	15.727	2277	2281	2289	rVB2	128065	234047	13.97%	1.547%
61	15.812	2292	2295	2301	rVV6	22968	42982	2.57%	0.284%
62	15.885	2301	2307	2324	rVB4	55249	182267	10.88%	1.205%
63	16.031	2324	2331	2337	rBV2	104245	218356	13.04%	1.443%
64	16.226	2356	2363	2370	rVV2	103110	225623	13.47%	1.491%
65	16.293	2370	2374	2380	rVV3	36944	64038	3.82%	0.423%
66	16.489	2399	2406	2413	rBV3	38519	128847	7.69%	0.852%
67	16.623	2421	2428	2437	rVB5	34359	85050	5.08%	0.562%

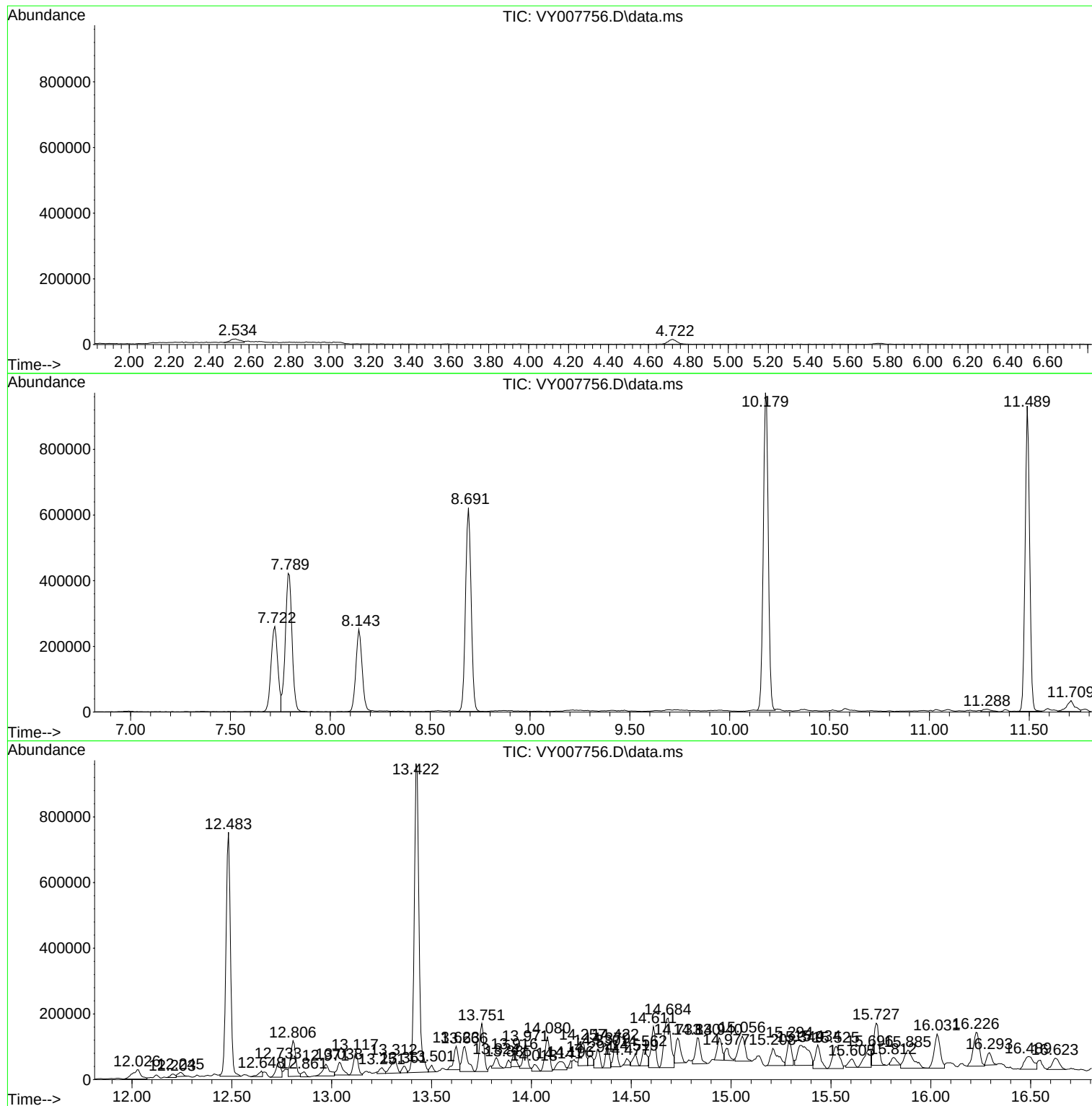
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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



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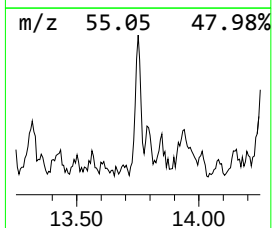
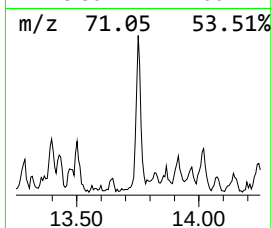
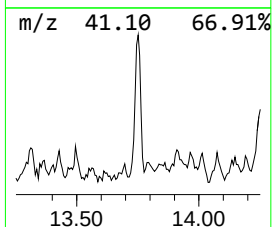
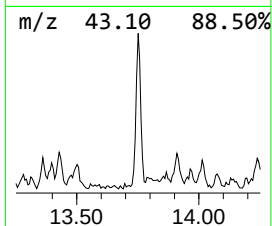
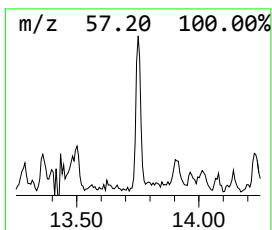
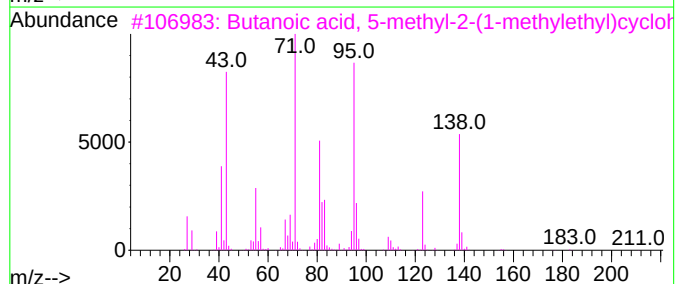
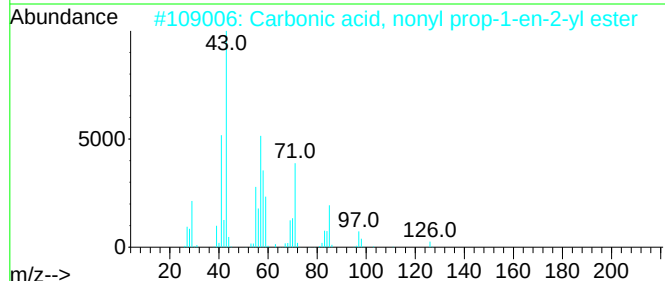
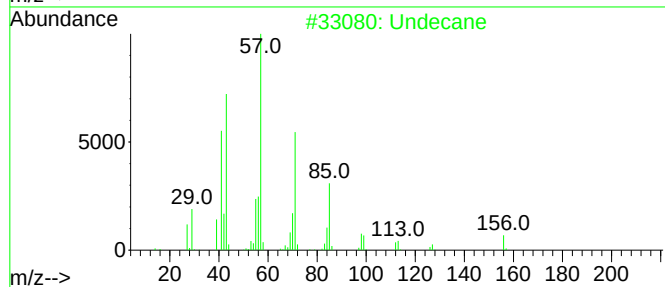
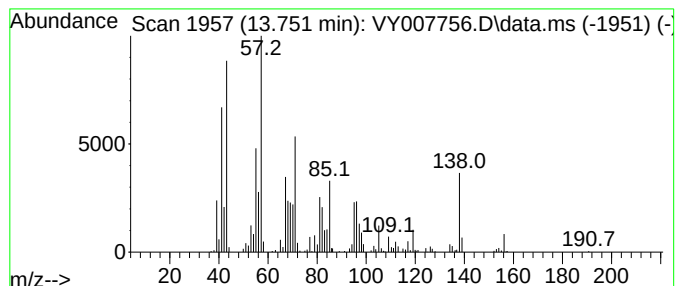
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	7.44 ug/l	226436	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	50
2			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	46
3			Butanoic acid, 5-methyl-2-(1-met...	226	C14H26O2	092319-43-2	38
4			Butanoic acid, 5-methyl-2-(1-met...	226	C14H26O2	006070-14-0	38
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38



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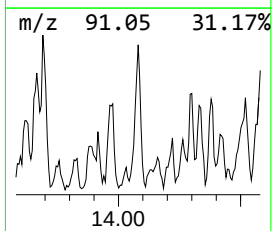
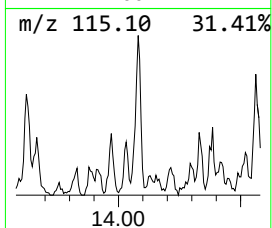
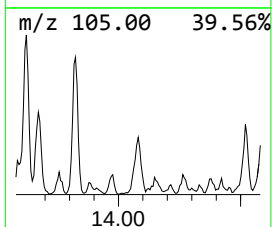
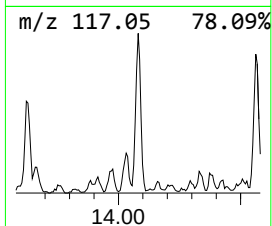
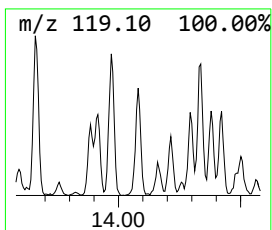
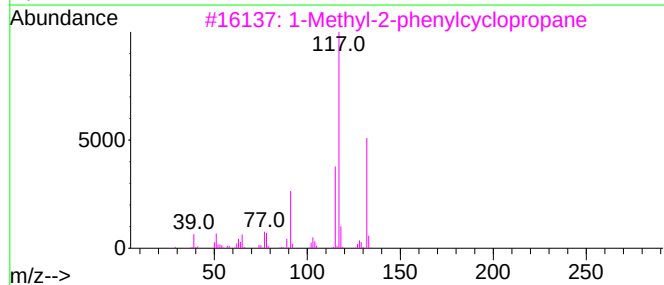
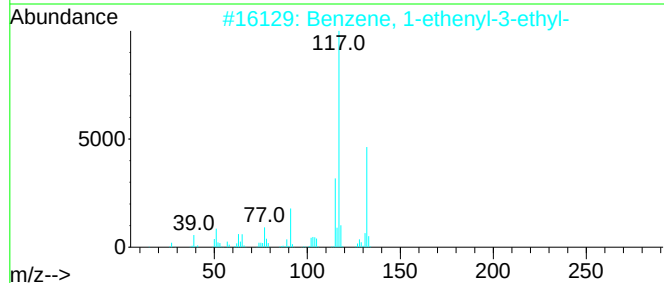
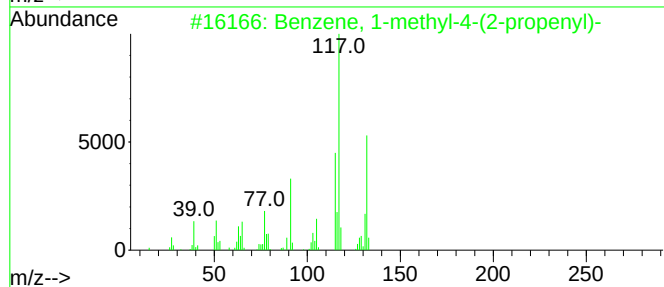
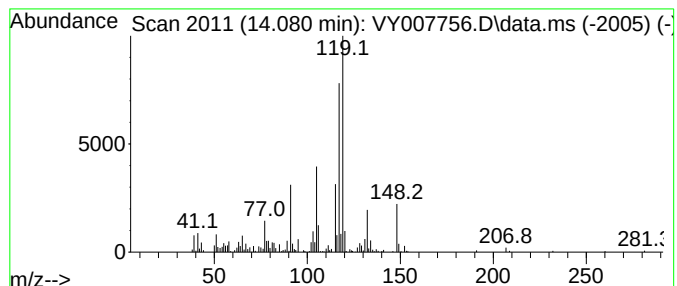
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Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-methyl-4-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	5.44 ug/l	165564	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	46



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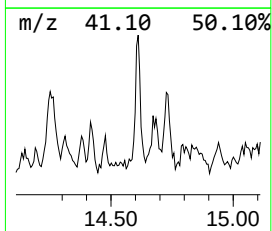
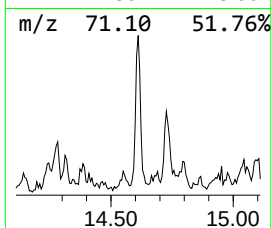
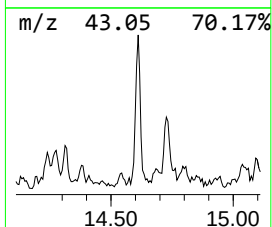
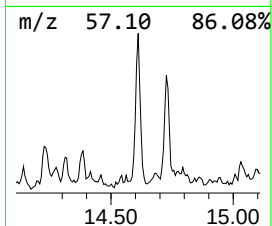
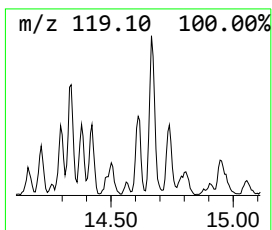
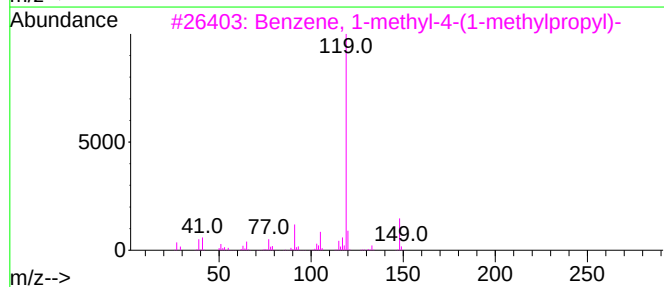
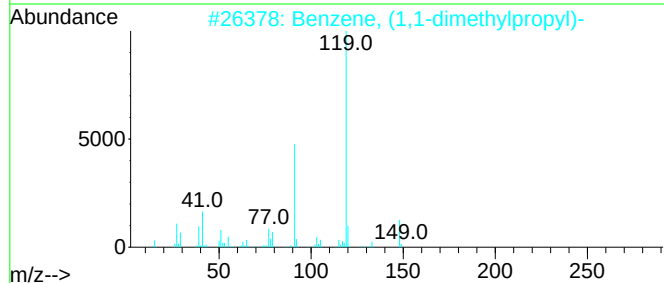
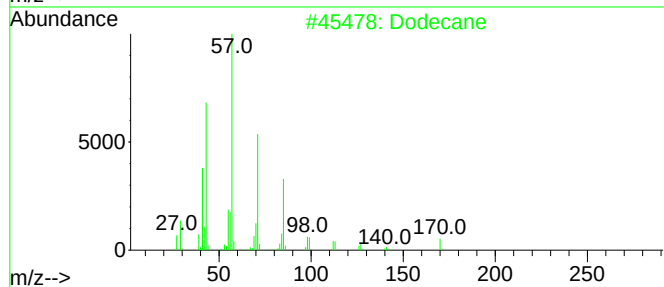
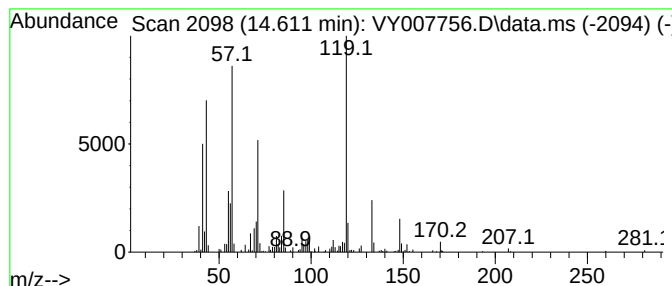
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Quant Title : SW846 8260

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

Peak Number 3 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	6.11 ug/l	185812	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	62
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
4			Hexadecane	226	C16H34	000544-76-3	30
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	30



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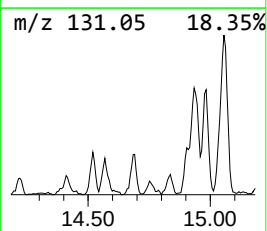
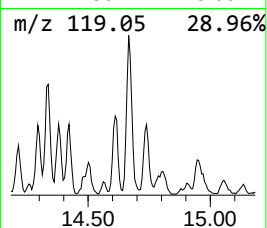
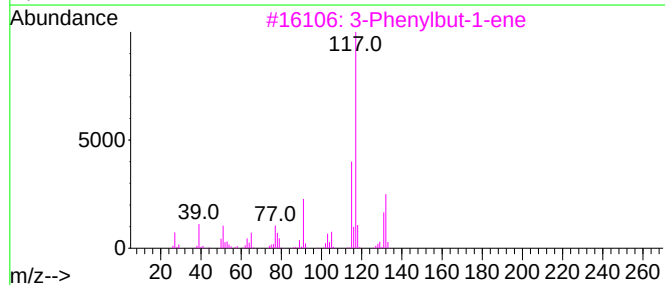
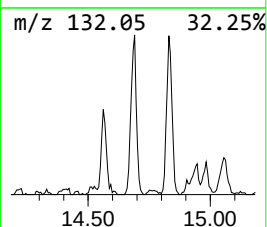
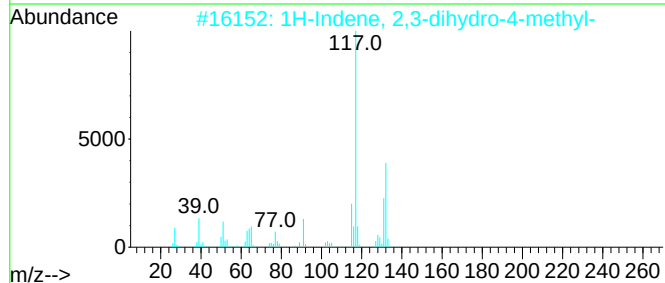
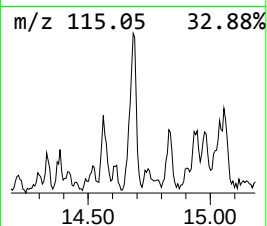
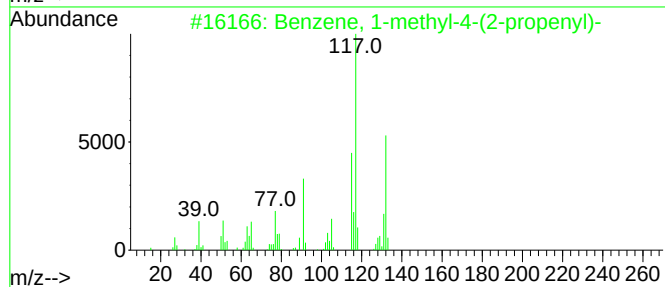
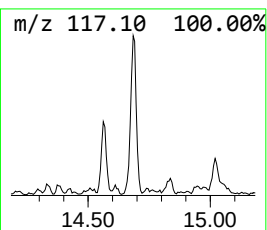
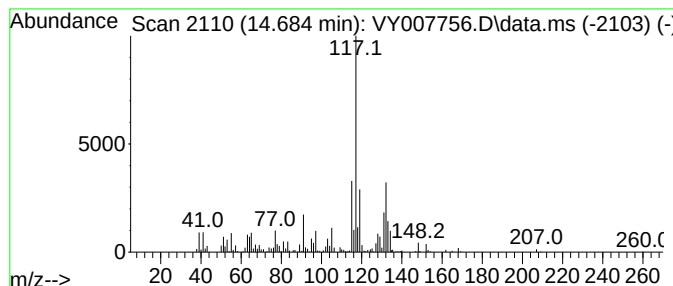
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Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	11.91 ug/l	362284	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5			Indan, 1-methyl-	132	C10H12	000767-58-8	68



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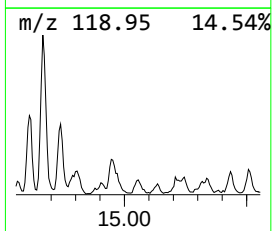
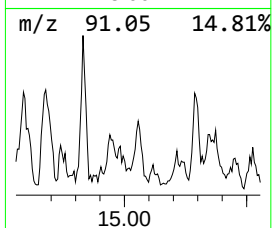
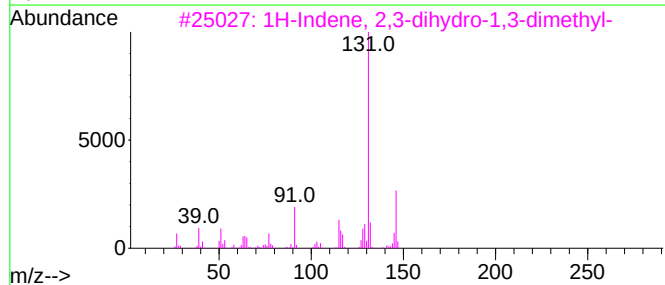
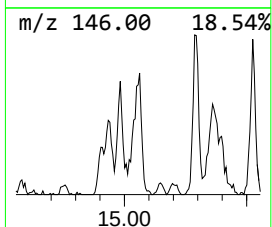
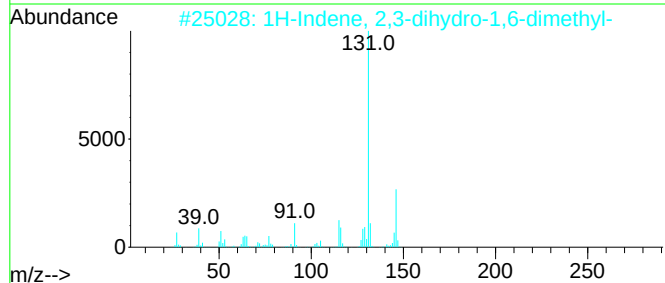
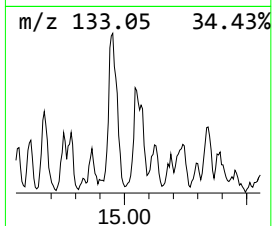
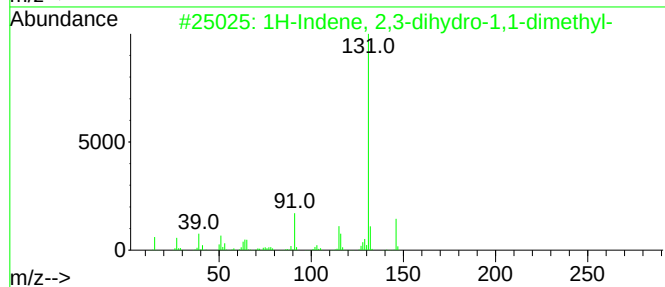
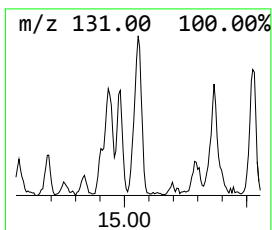
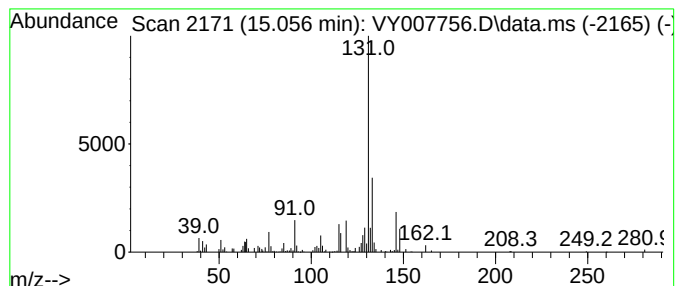
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Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.44 ug/l	165482	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	52
5			Dimethyl (R)-3-ethyl-4-oxo-3-(p-...	306	C15H18N2O5	1000481-90-8	47



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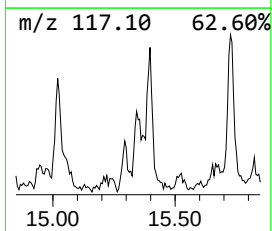
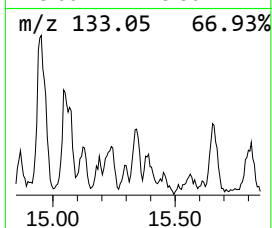
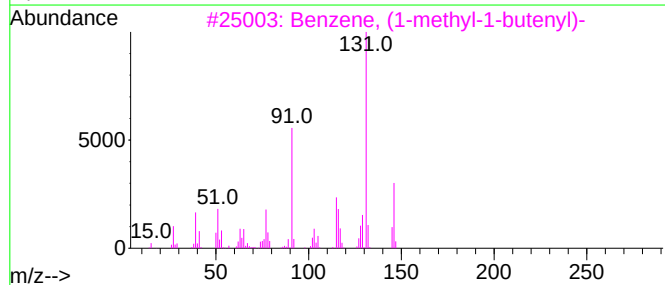
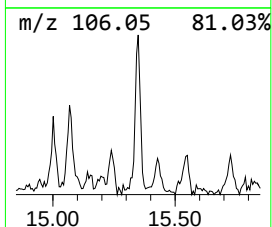
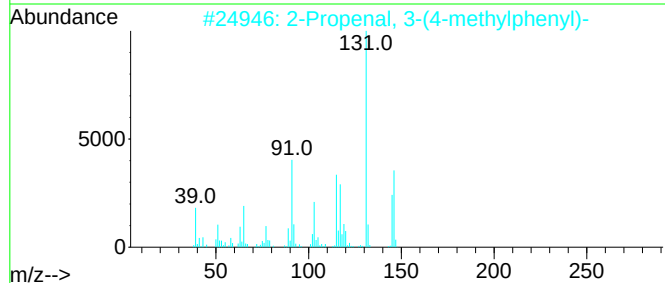
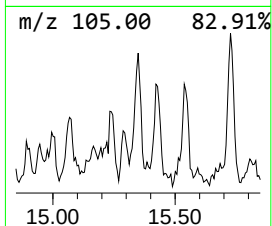
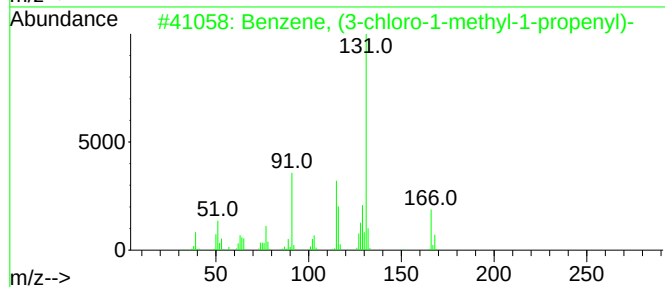
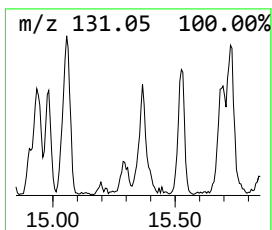
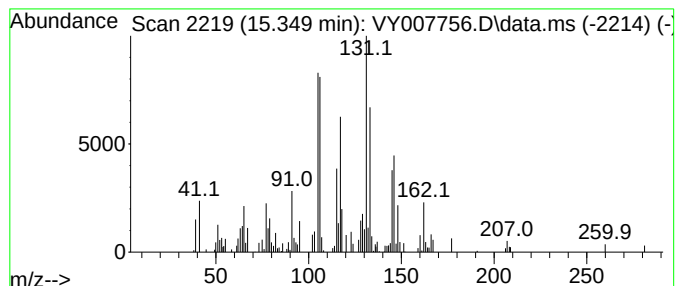
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Quant Title : SW846 8260

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

Peak Number 6 unknown15.349 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	7.93 ug/l	241238	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	44
2			2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	43
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007756.D
Acq On : 04 Mar 2022 20:47
Operator : SY/MD
Sample : N1796-01
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

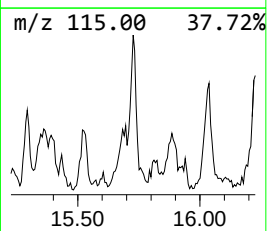
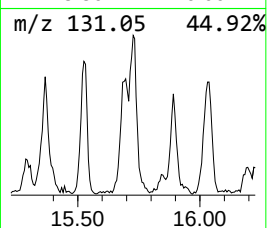
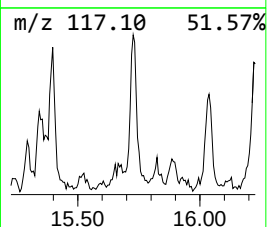
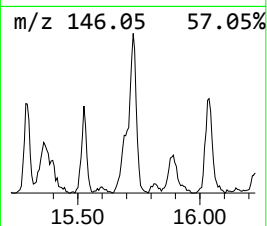
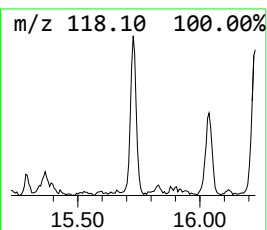
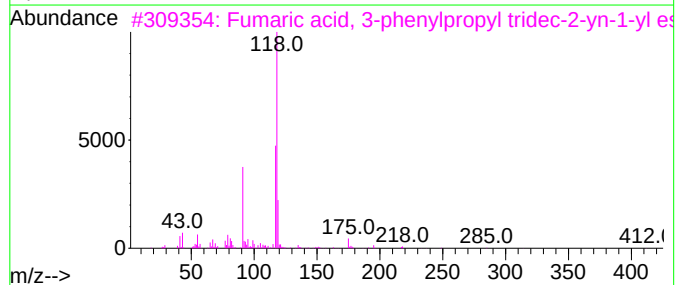
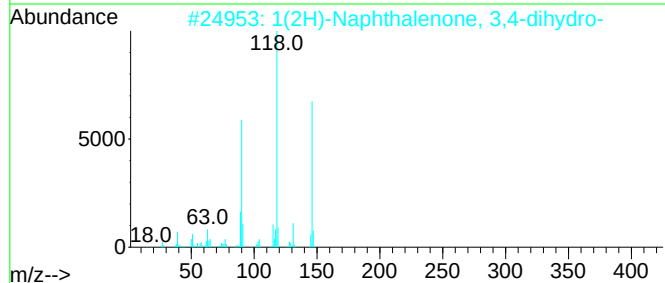
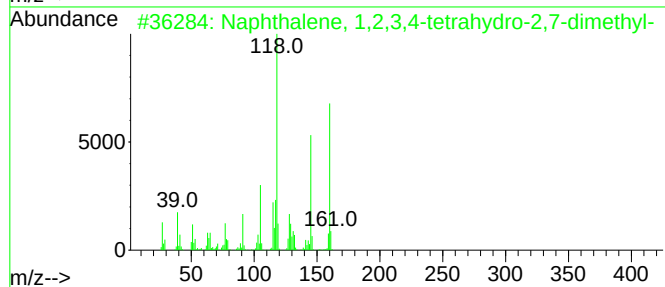
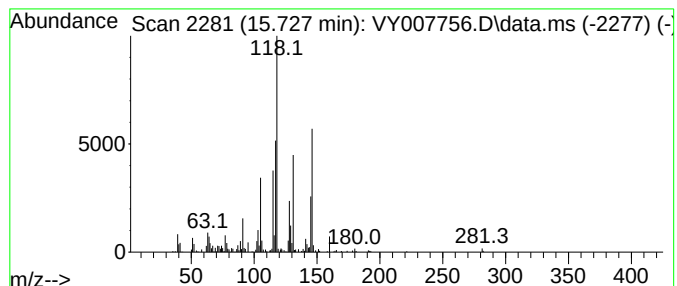
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.727 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	7.69 ug/l	234047	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	43
2			1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	38
3			Fumaric acid, 3-phenylpropyl tri...	412	C26H36O4	1010405-67-3	27
4			Pimelic acid, ethyl 3-phenylprop...	306	C18H26O4	1000416-50-7	27
5			p-Toluic acid, 3-phenylpropyl ester	254	C17H18O2	141809-62-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007756.D
Acq On : 04 Mar 2022 20:47
Operator : SY/MD
Sample : N1796-01
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

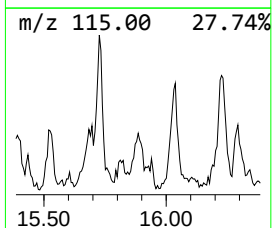
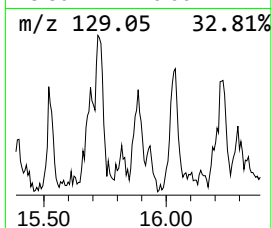
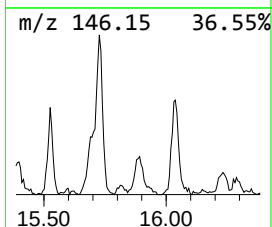
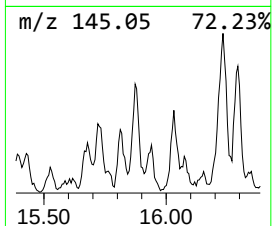
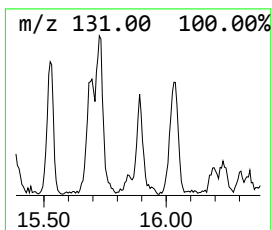
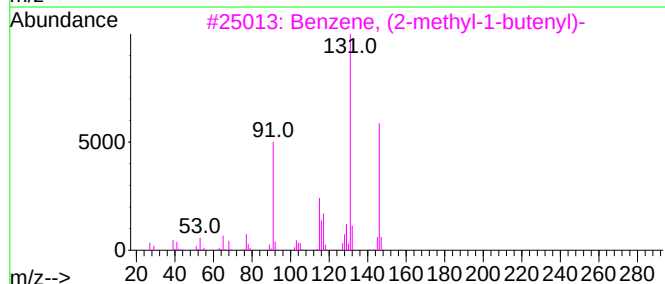
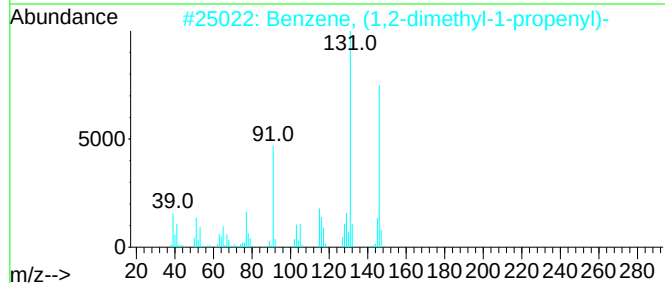
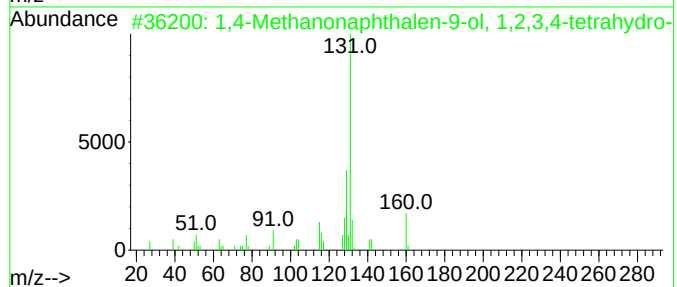
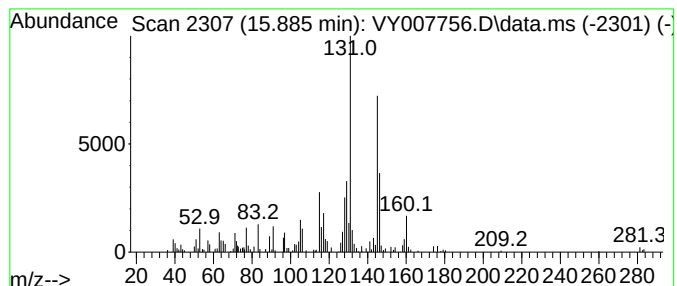
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Quant Title : SW846 8260

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

Peak Number 8 1,4-Methanonaphthalen-9-ol,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	5.99 ug/l	182267	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	64
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
4			1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	52
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007756.D
Acq On : 04 Mar 2022 20:47
Operator : SY/MD
Sample : N1796-01
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

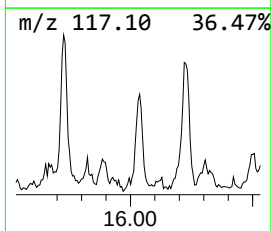
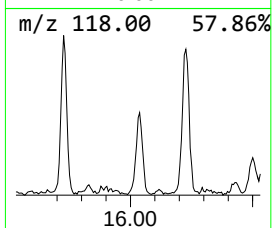
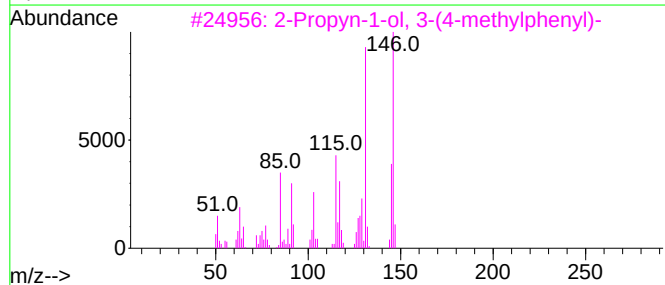
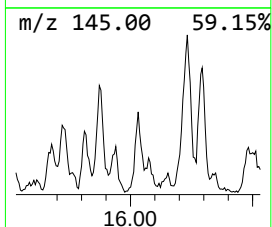
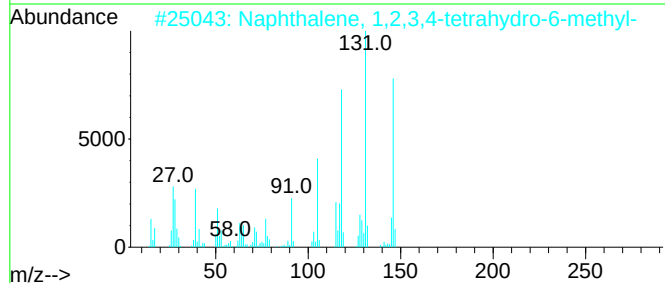
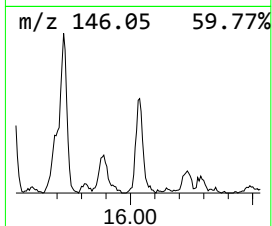
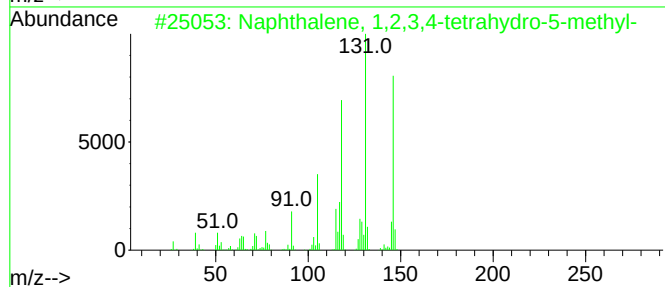
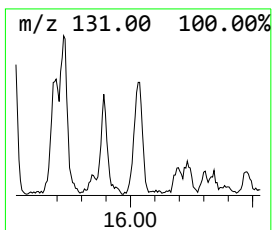
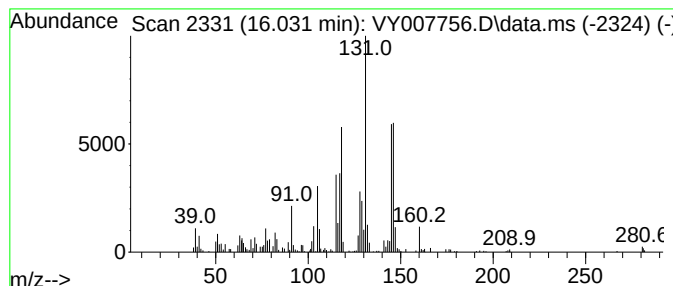
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	7.18 ug/l	218356	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	70
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
3			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007756.D
Acq On : 04 Mar 2022 20:47
Operator : SY/MD
Sample : N1796-01
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

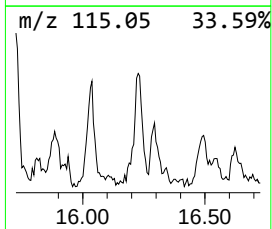
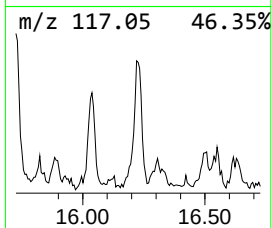
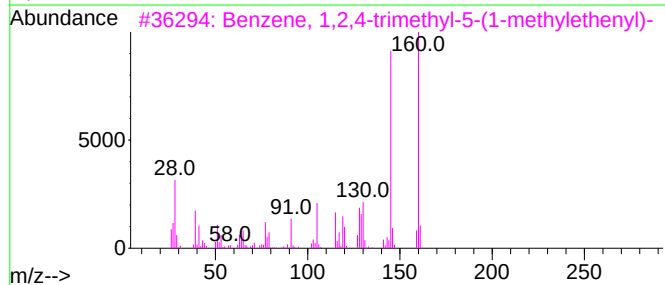
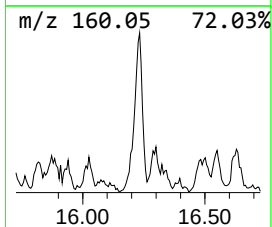
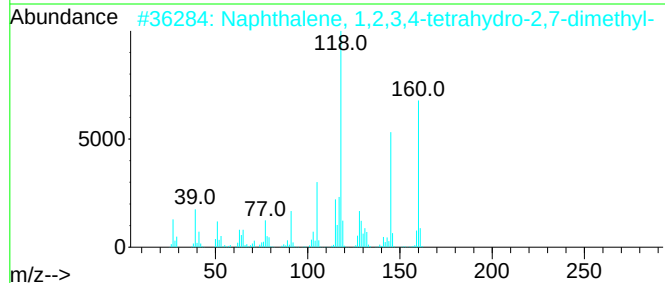
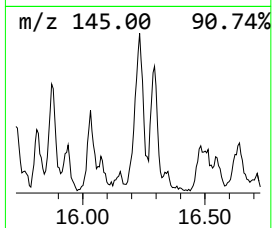
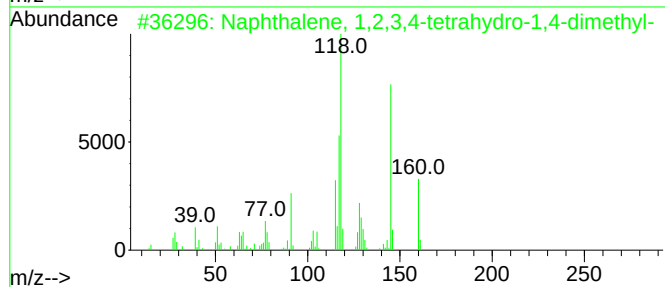
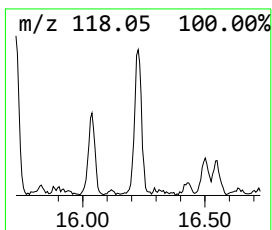
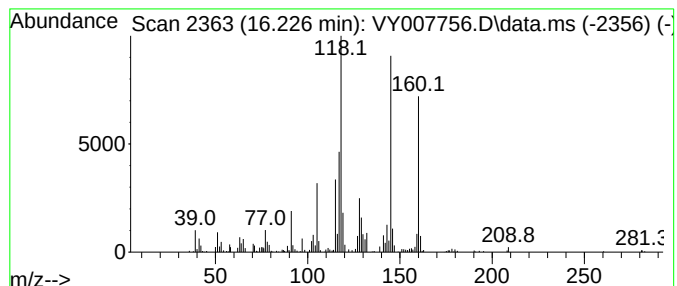
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	7.42 ug/l	225623	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3			Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	70
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5			4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007756.D
Acq On : 04 Mar 2022 20:47
Operator : SY/MD
Sample : N1796-01
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AB1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	13.751	7.4	ug/l	226436	4	13.428	1520850	50.0
Benzene, 1-meth...	14.081	5.4	ug/l	165564	4	13.428	1520850	50.0
Dodecane	14.611	6.1	ug/l	185812	4	13.428	1520850	50.0
1H-Indene, 2,3-...	14.684	11.9	ug/l	362284	4	13.428	1520850	50.0
1H-Indene, 2,3-...	15.056	5.4	ug/l	165482	4	13.428	1520850	50.0
unknown15.349	15.349	7.9	ug/l	241238	4	13.428	1520850	50.0
unknown15.727	15.727	7.7	ug/l	234047	4	13.428	1520850	50.0
1,4-Methanonaph...	15.885	6.0	ug/l	182267	4	13.428	1520850	50.0
Naphthalene, 1,...	16.031	7.2	ug/l	218356	4	13.428	1520850	50.0
Naphthalene, 1,...	16.226	7.4	ug/l	225623	4	13.428	1520850	50.0